

10064331-092602



FIG. 1
PRIOR ART

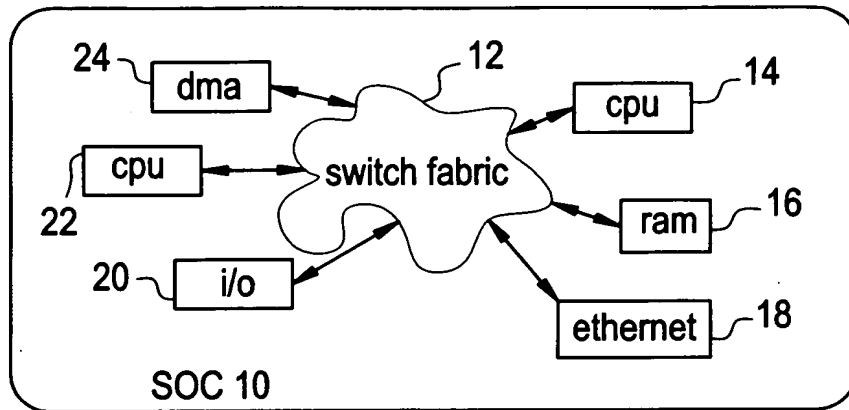


FIG. 2

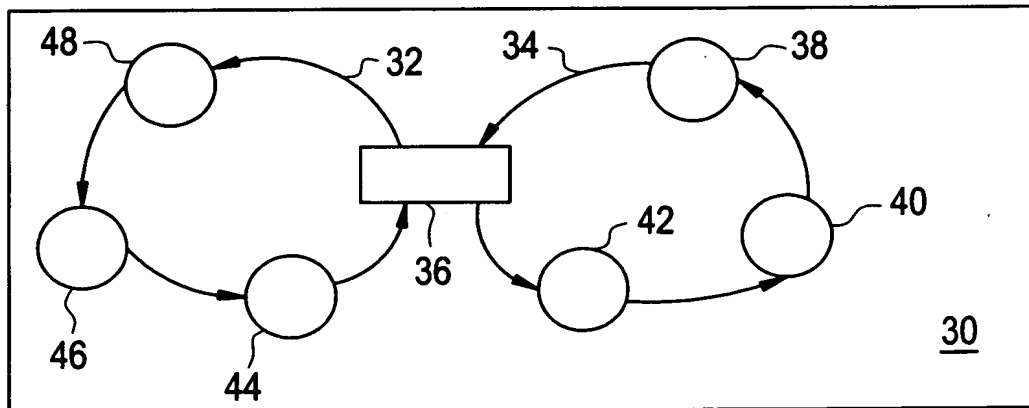




FIG. 3

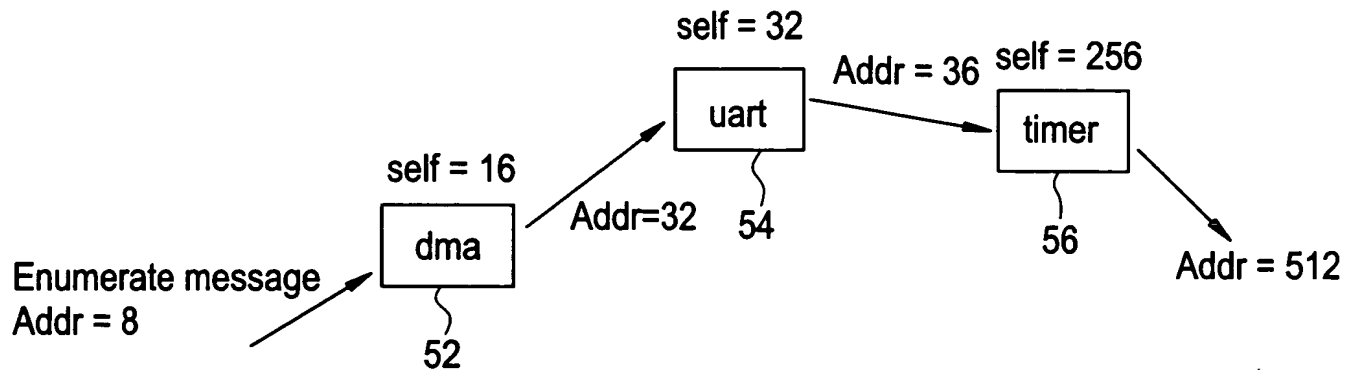


FIG. 4

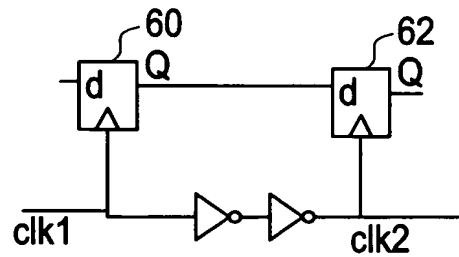


FIG. 5

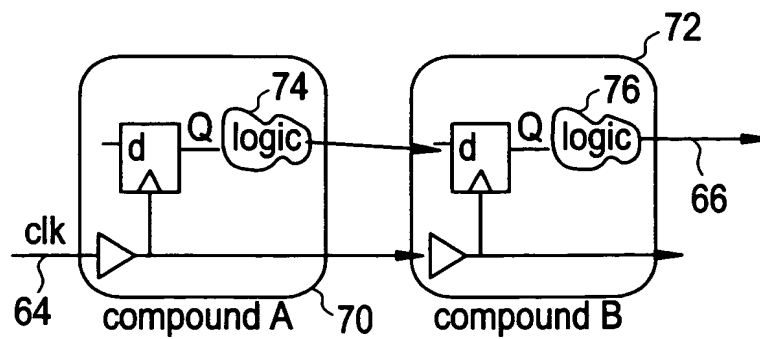


FIG. 6

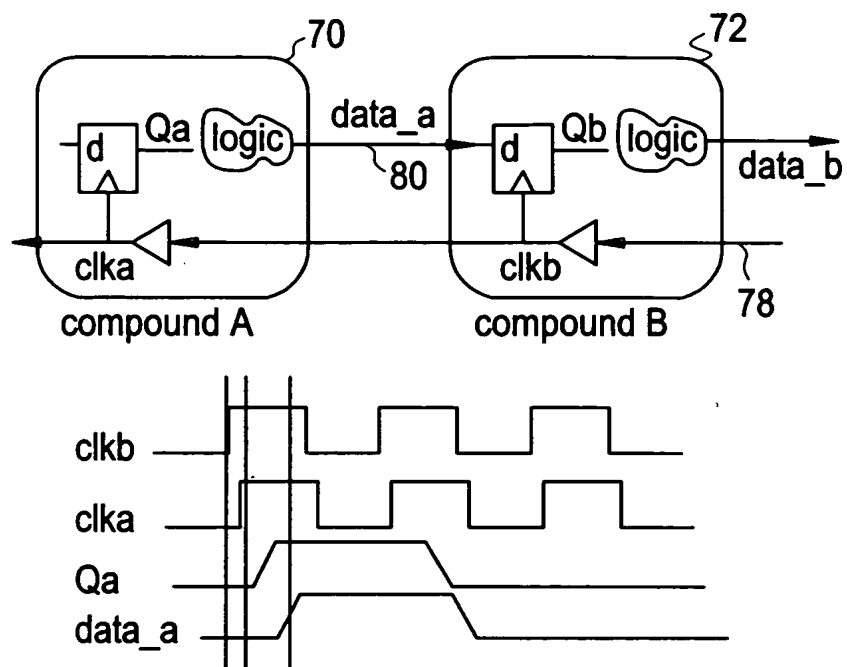
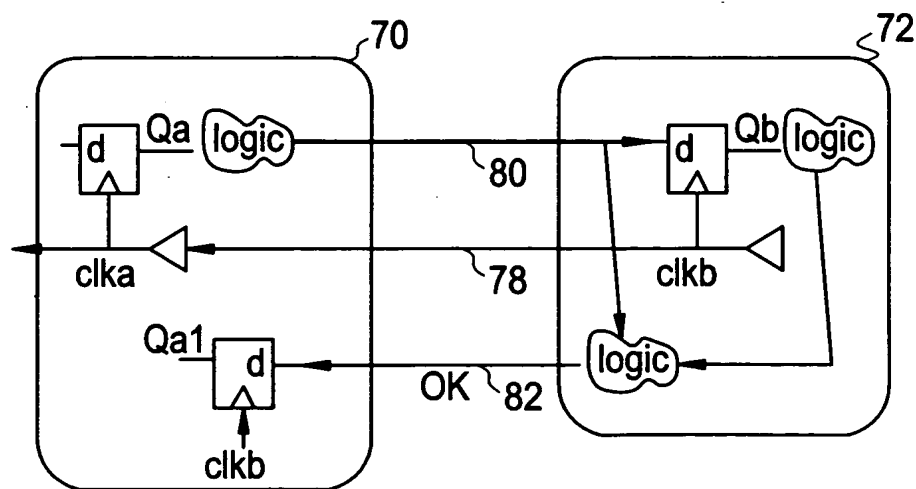


FIG. 7



209260-TECH9001

10064331-092602

FIG. 8

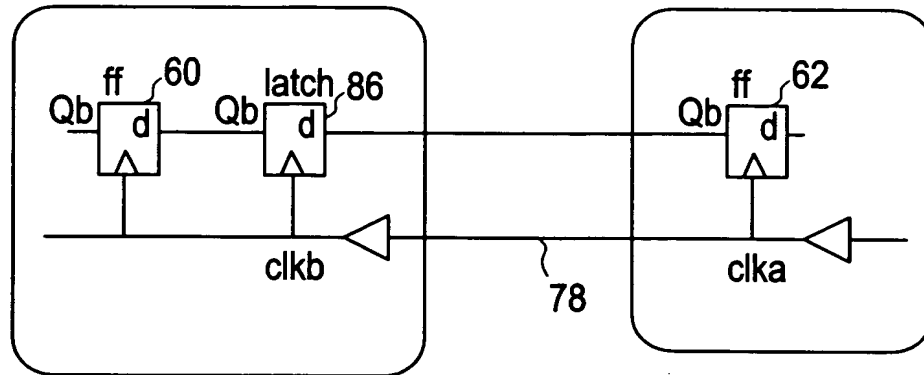


FIG. 9

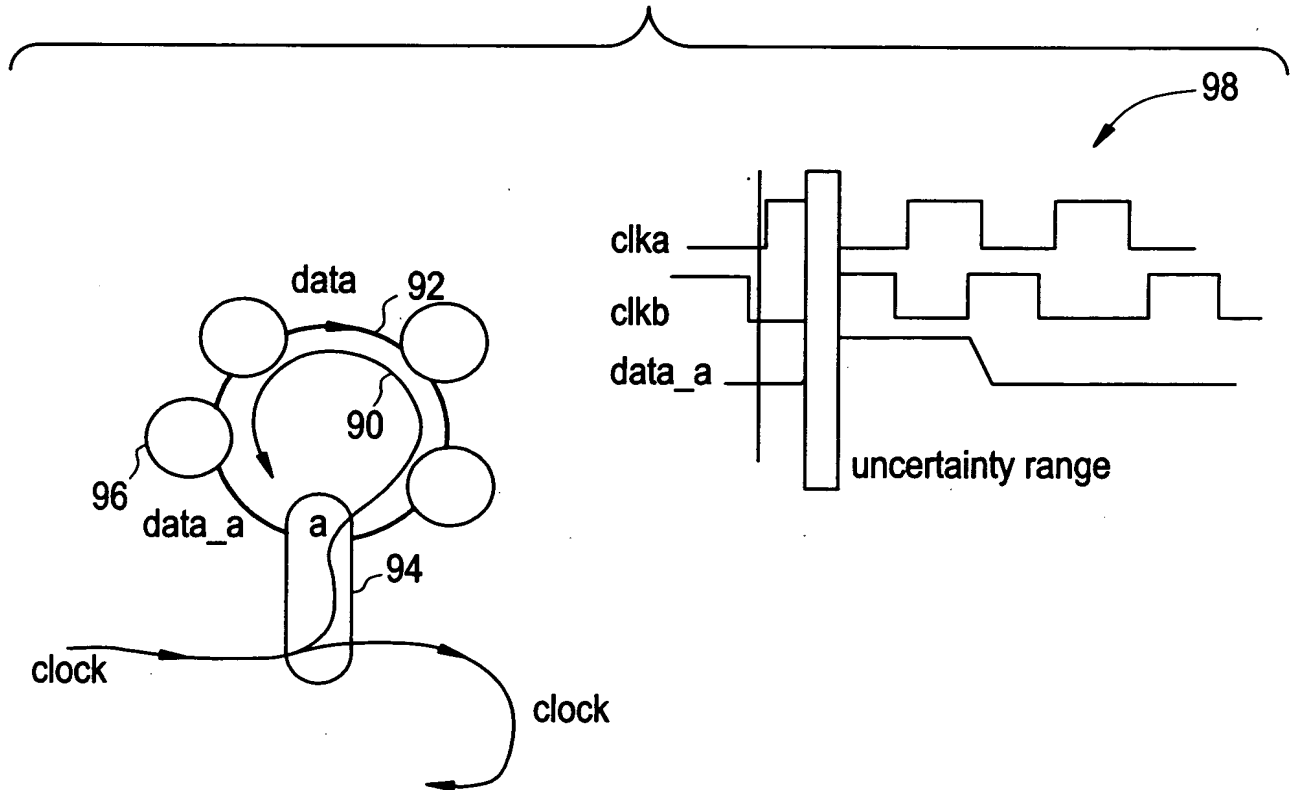


FIG. 10

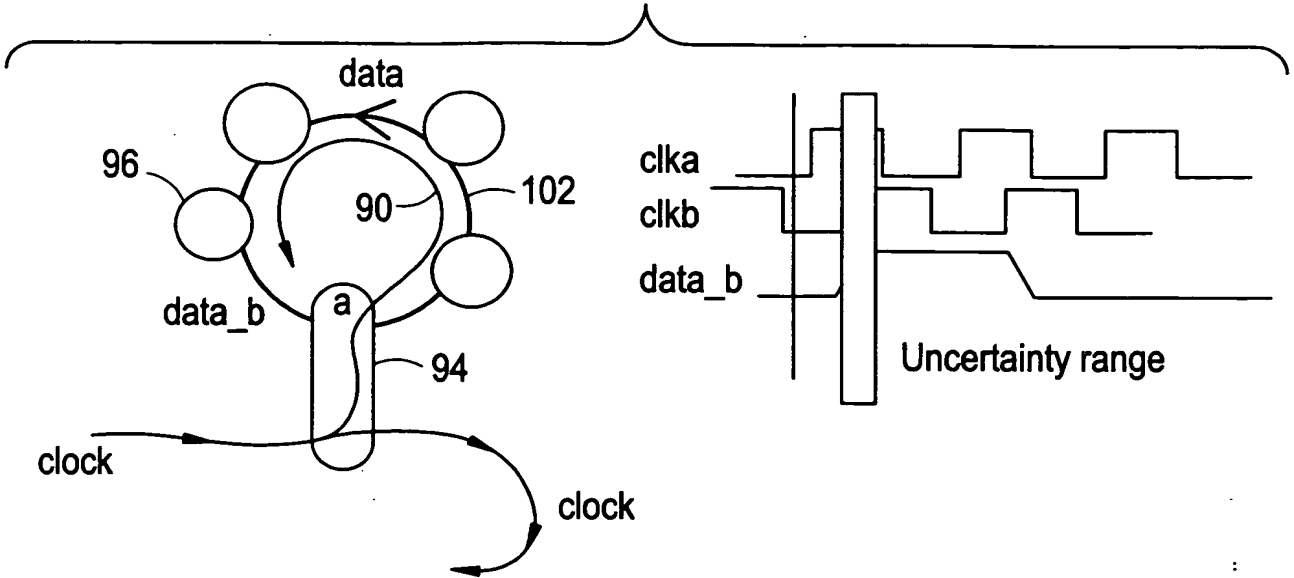


FIG. 11

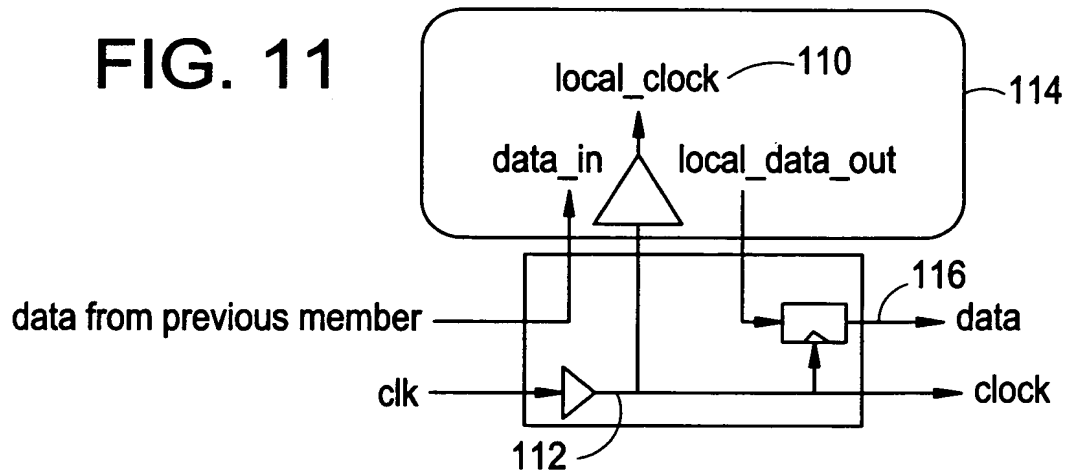


FIG. 12

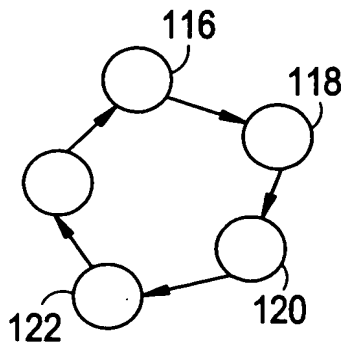


FIG. 13

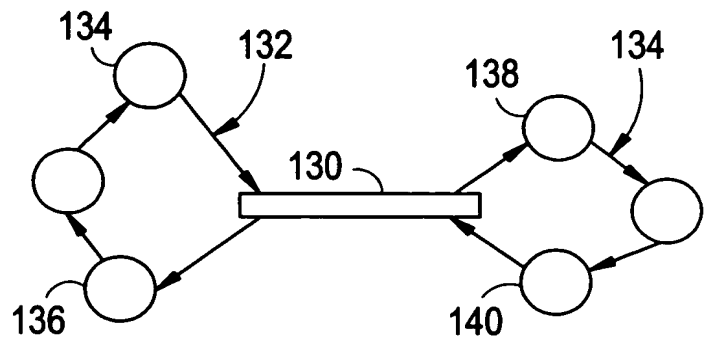


FIG. 14

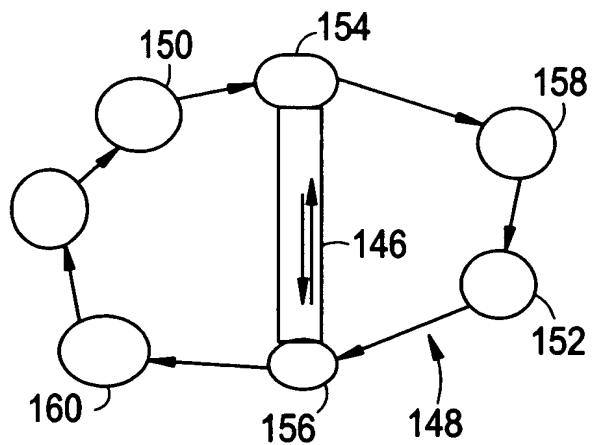


FIG. 15

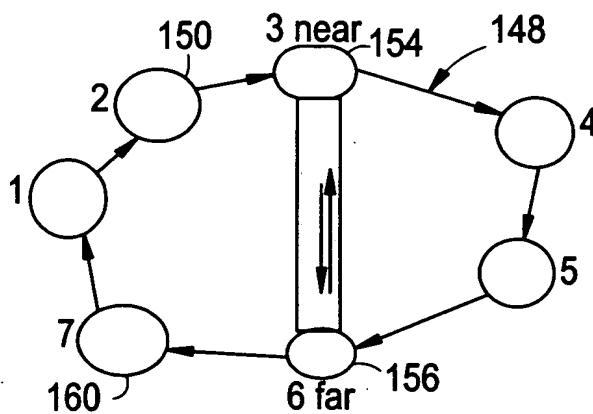


FIG. 16

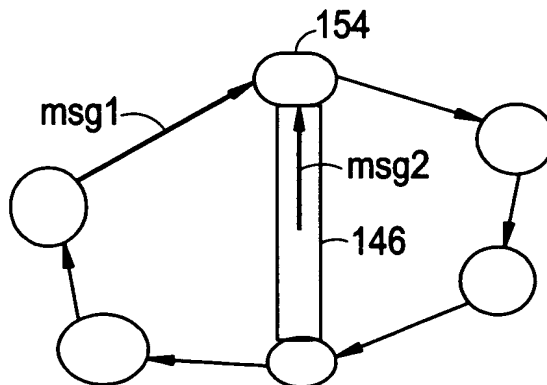


FIG. 17

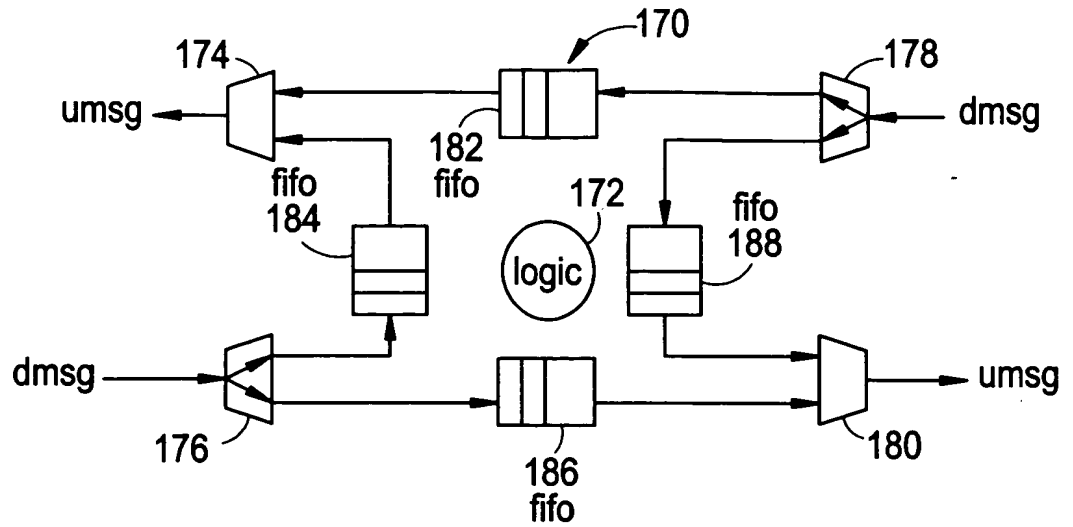


FIG. 18

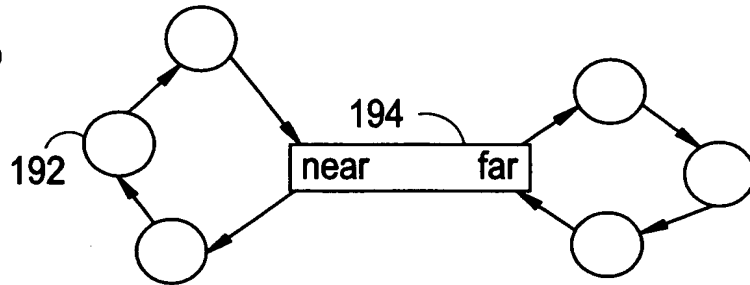
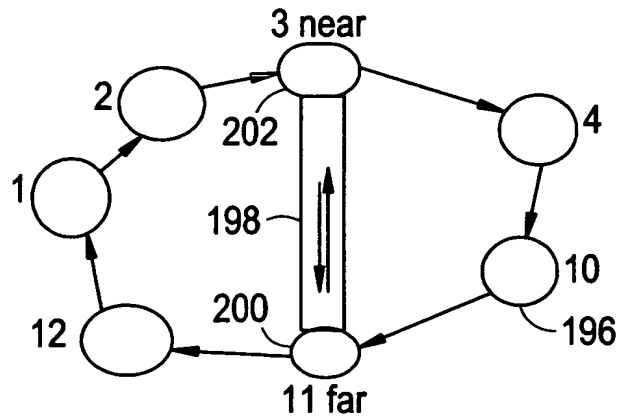


FIG. 19



209260 "TECH900T

10064331-092602

10064331, 092602

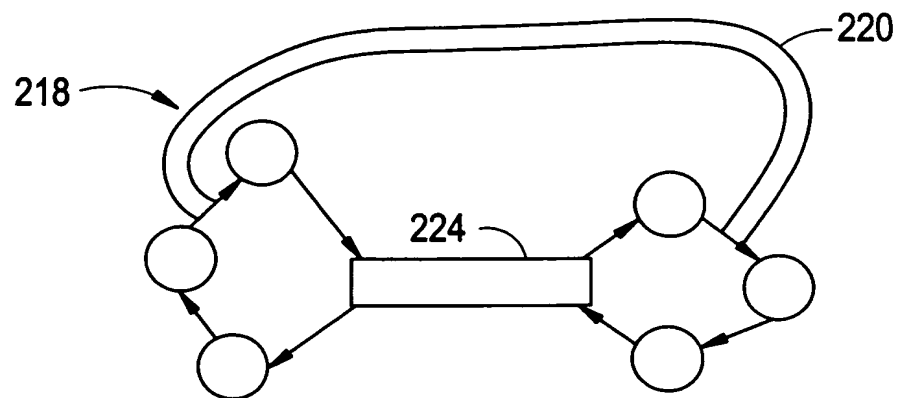


FIG. 23

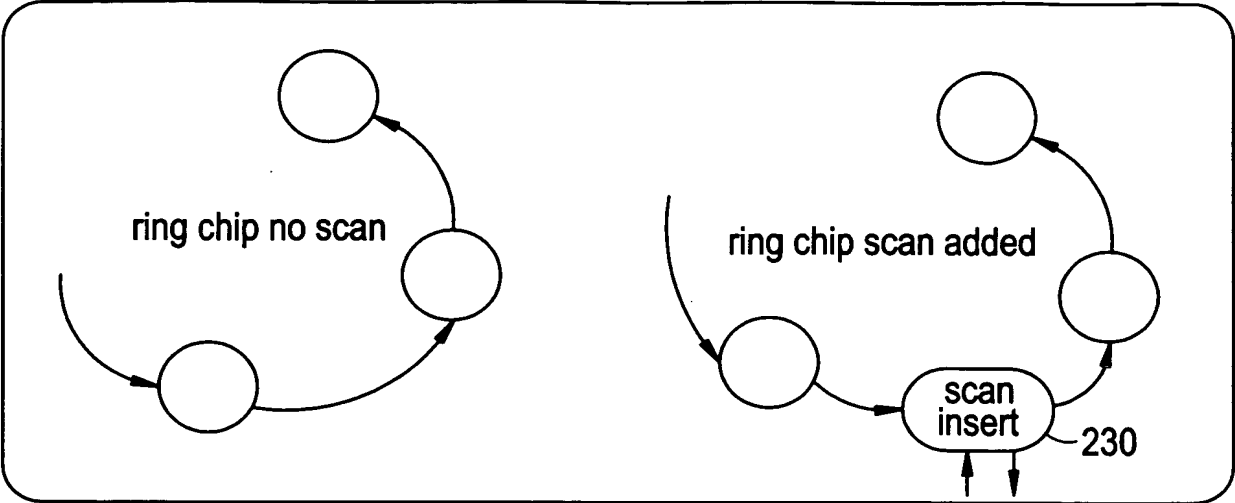


FIG. 24

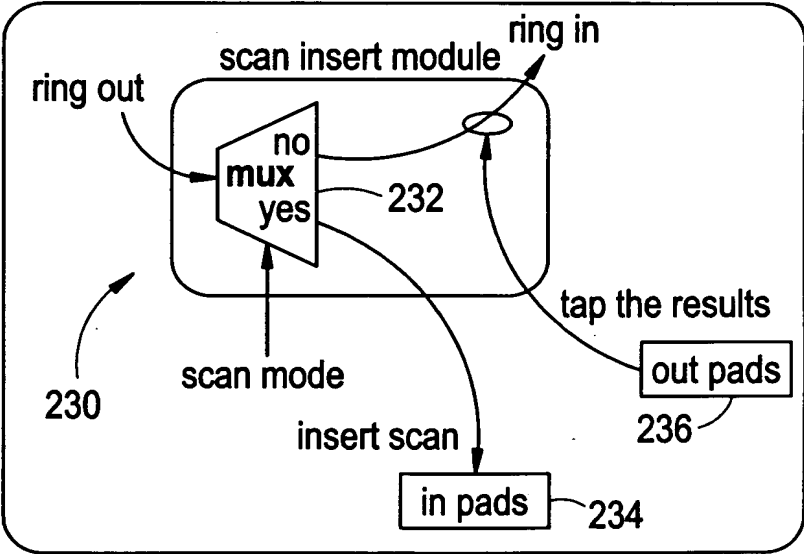
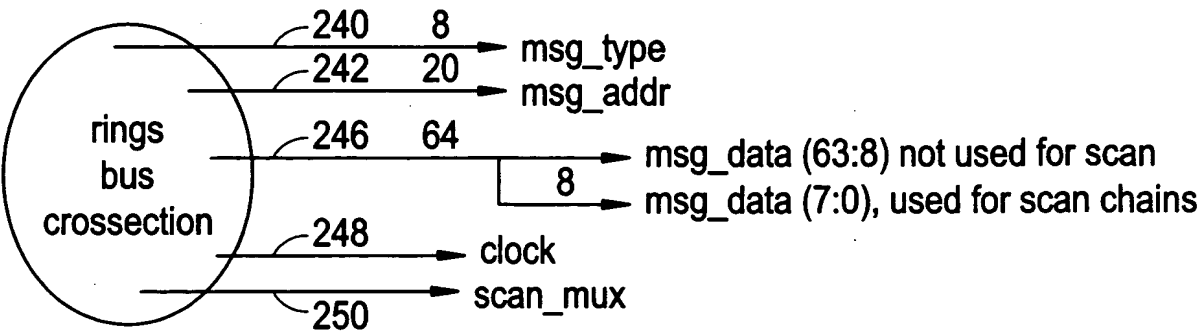


FIG. 25



10064331.092602

FIG. 26

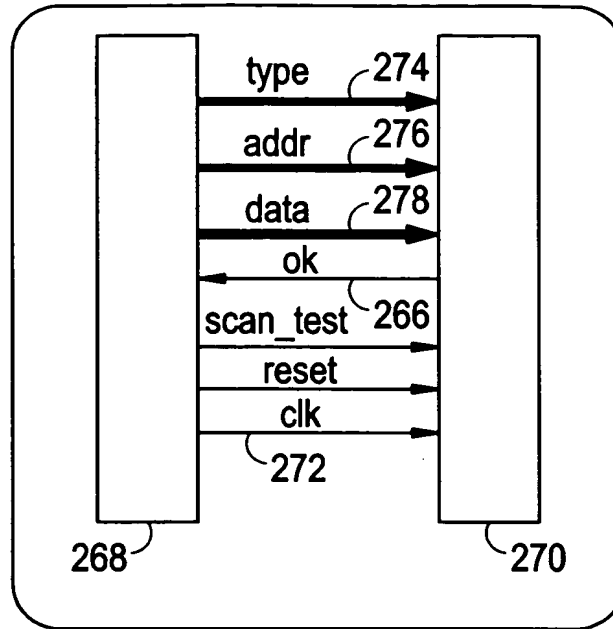
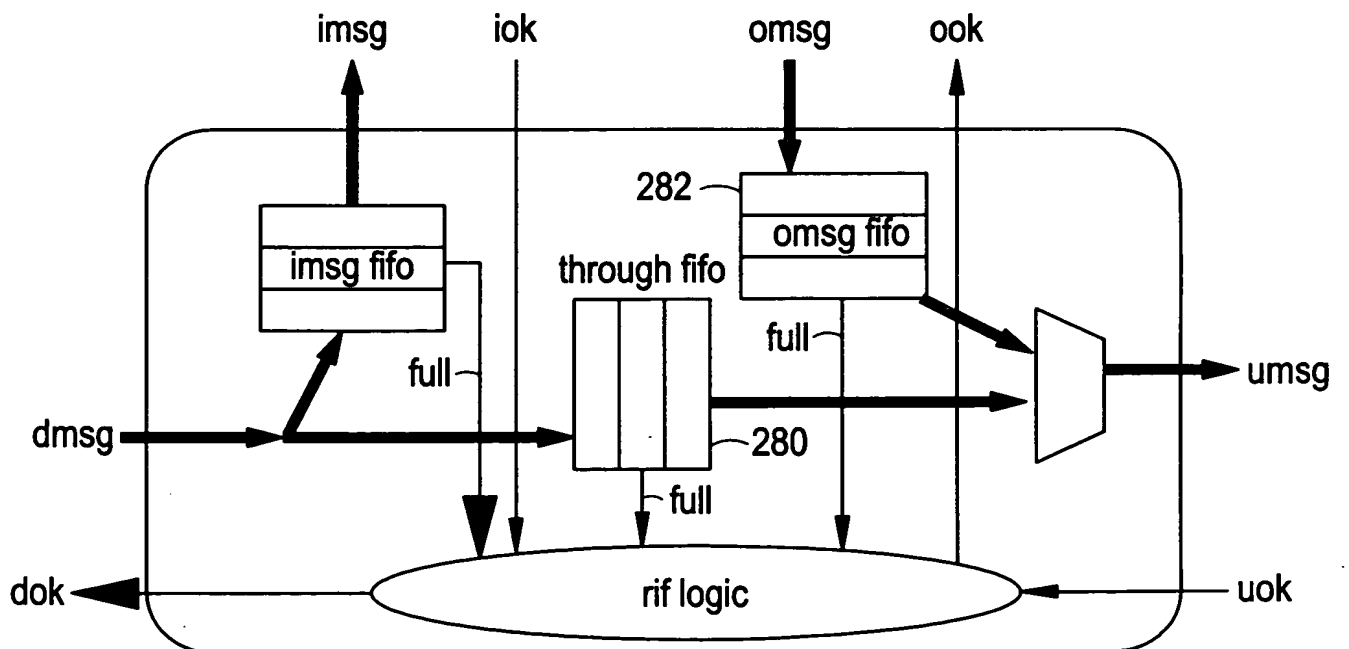


FIG. 27



209260"TECH900T

FIG. 28

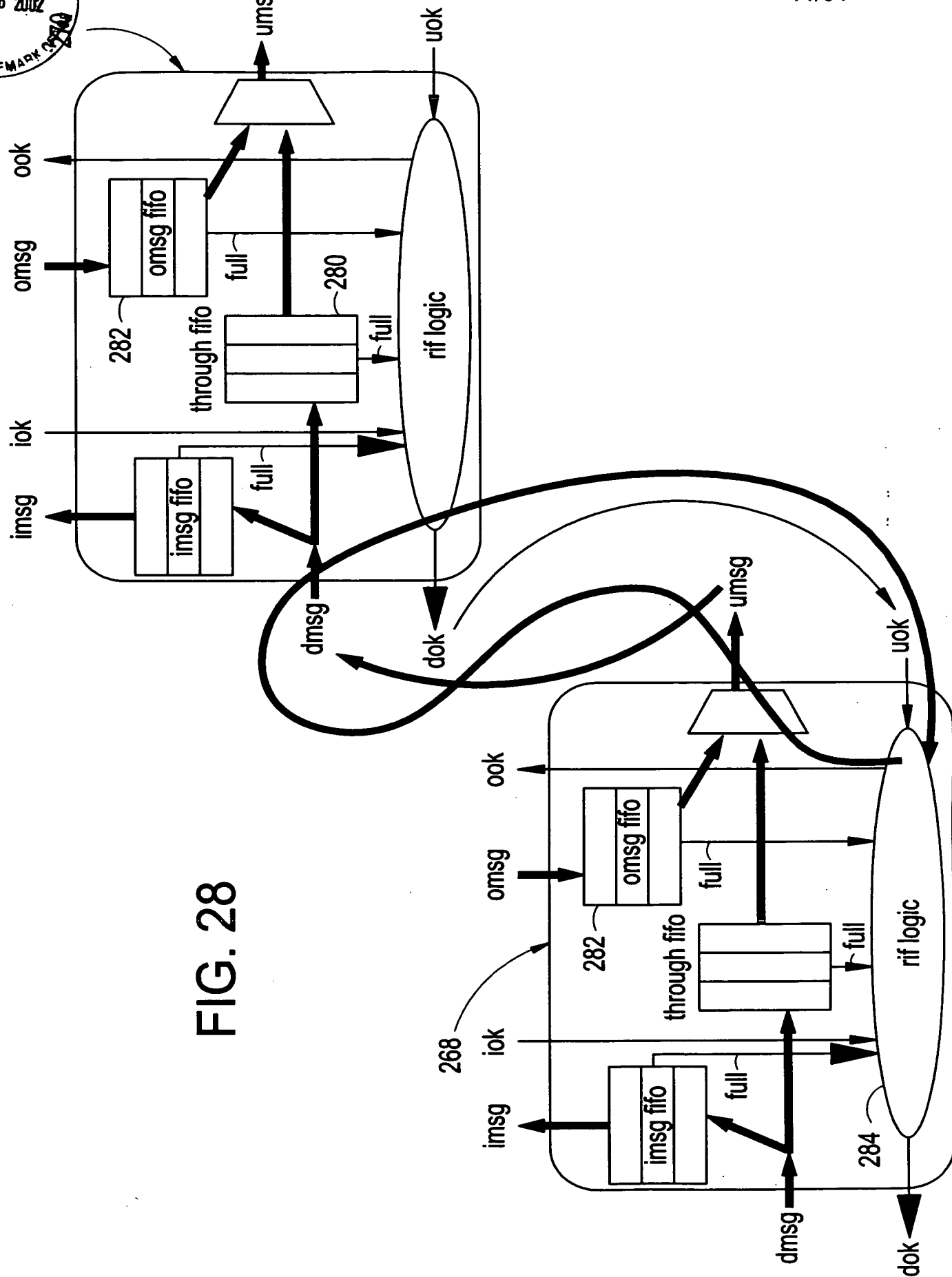
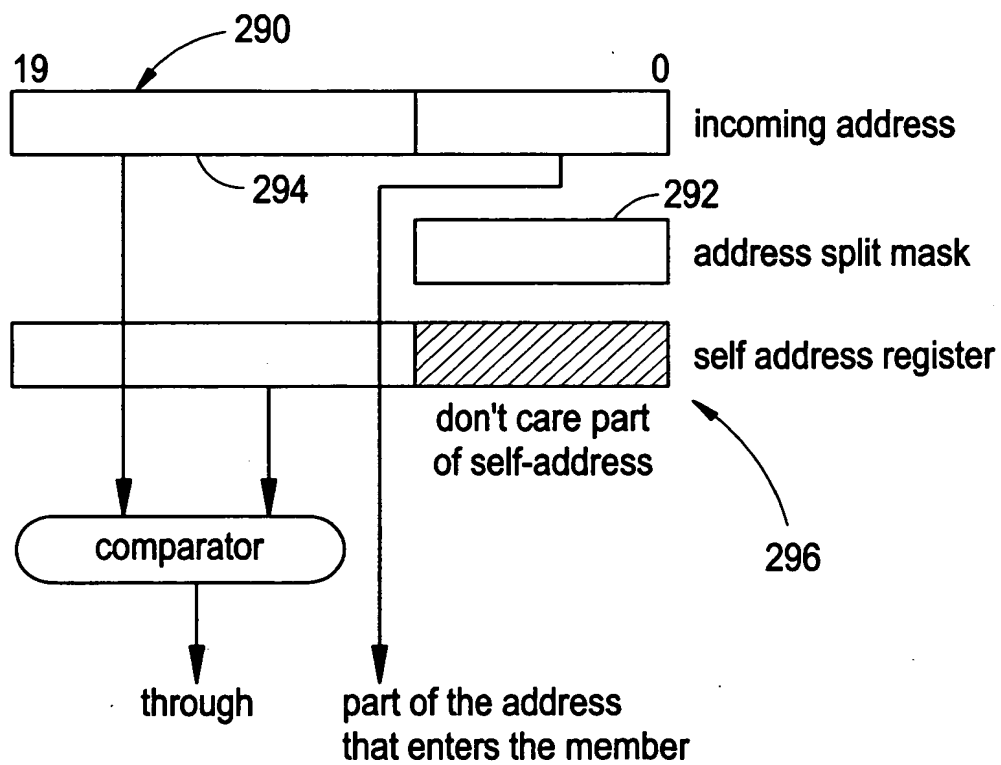


FIG. 29

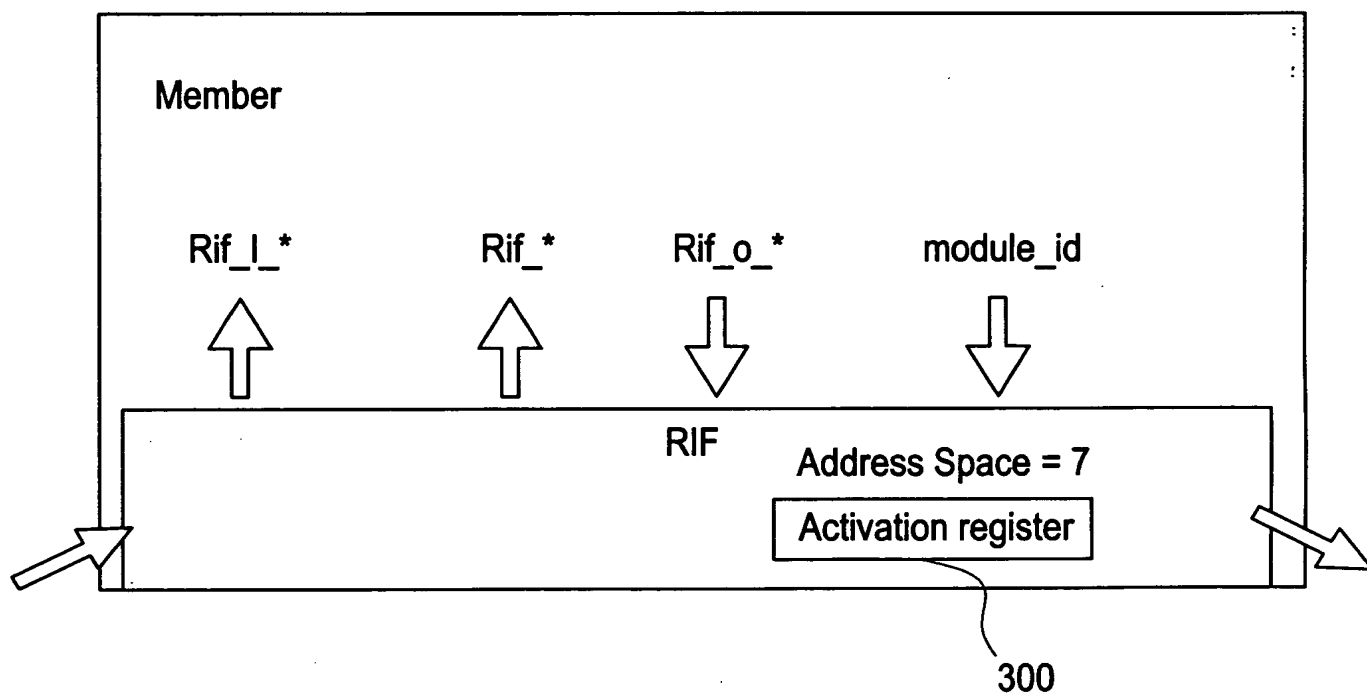


10064331-092602



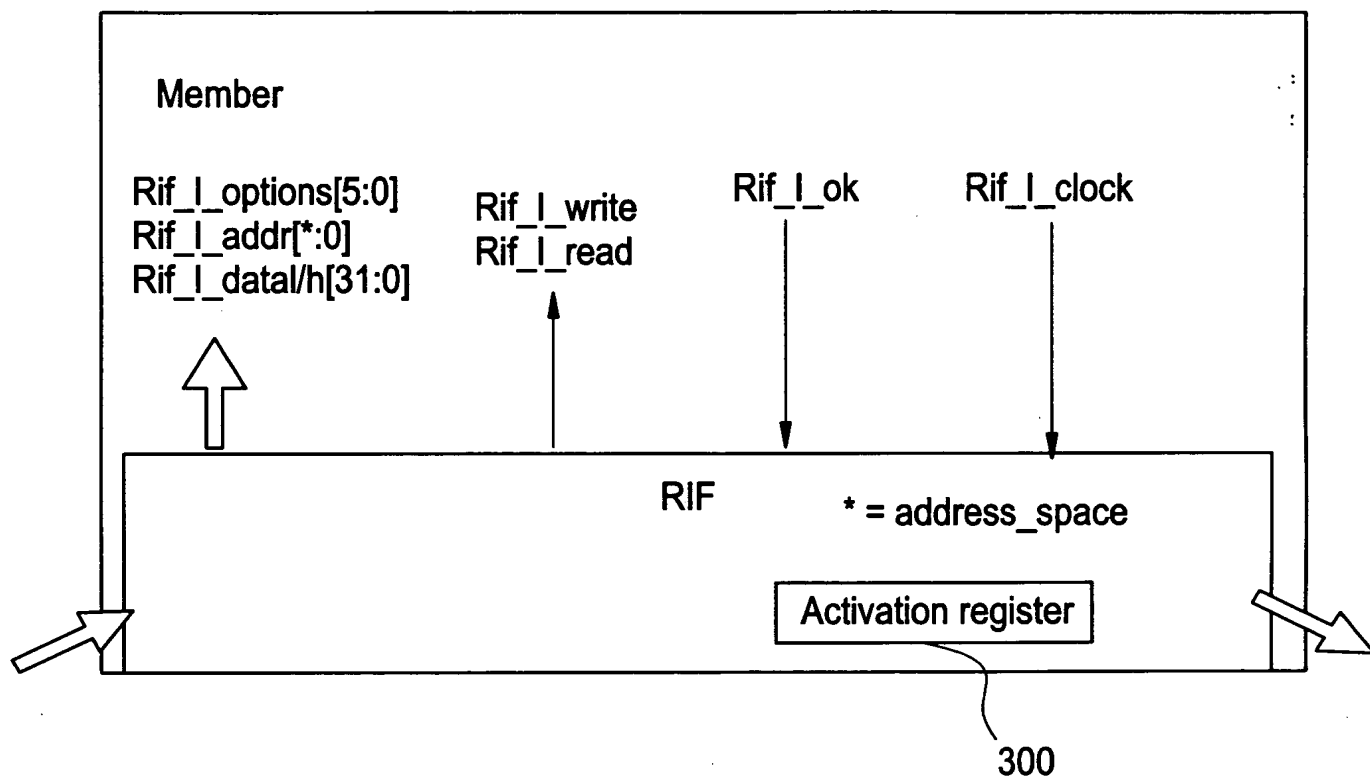
13/64

FIG. 30



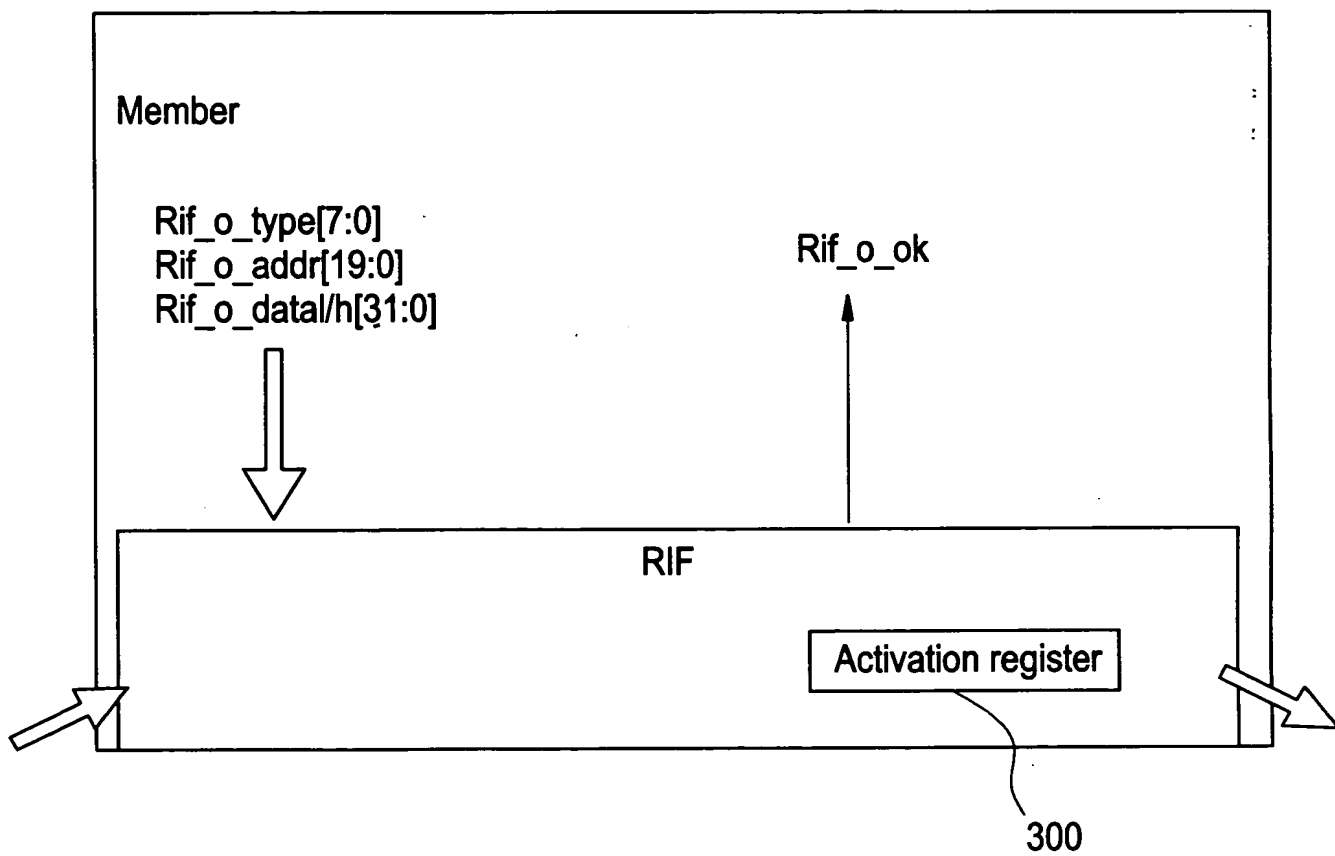
209260 TEEH900T

FIG. 31



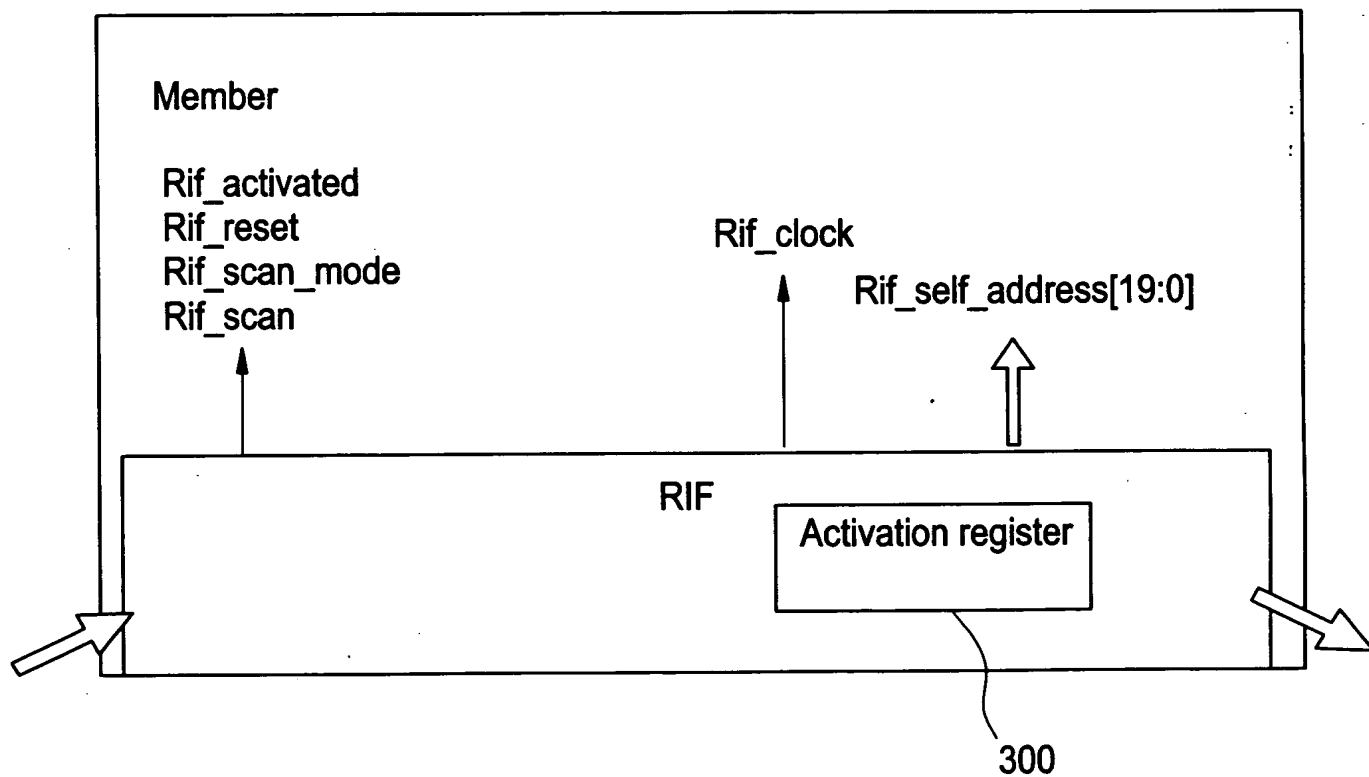
209260 TEE49001

FIG. 32



10064331-092602

FIG. 33



10064331-092602

FIG. 34

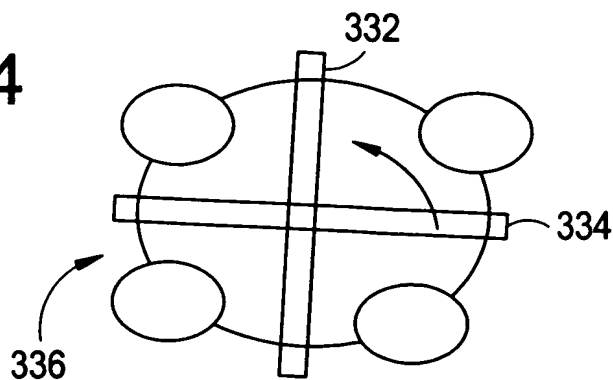


FIG. 35

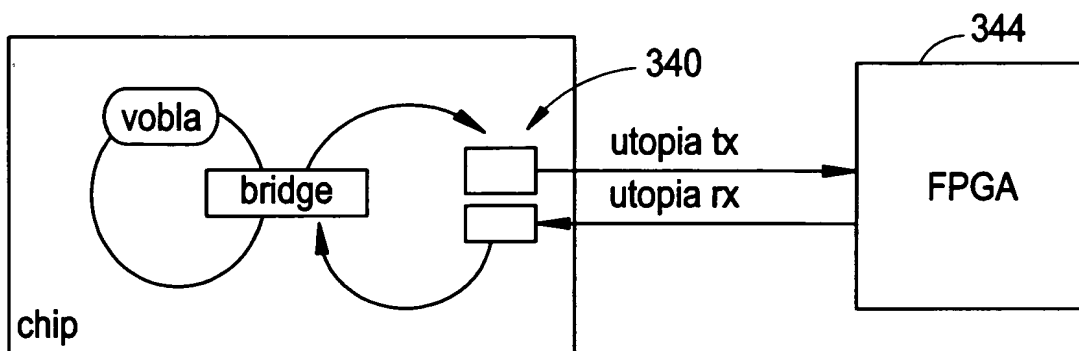
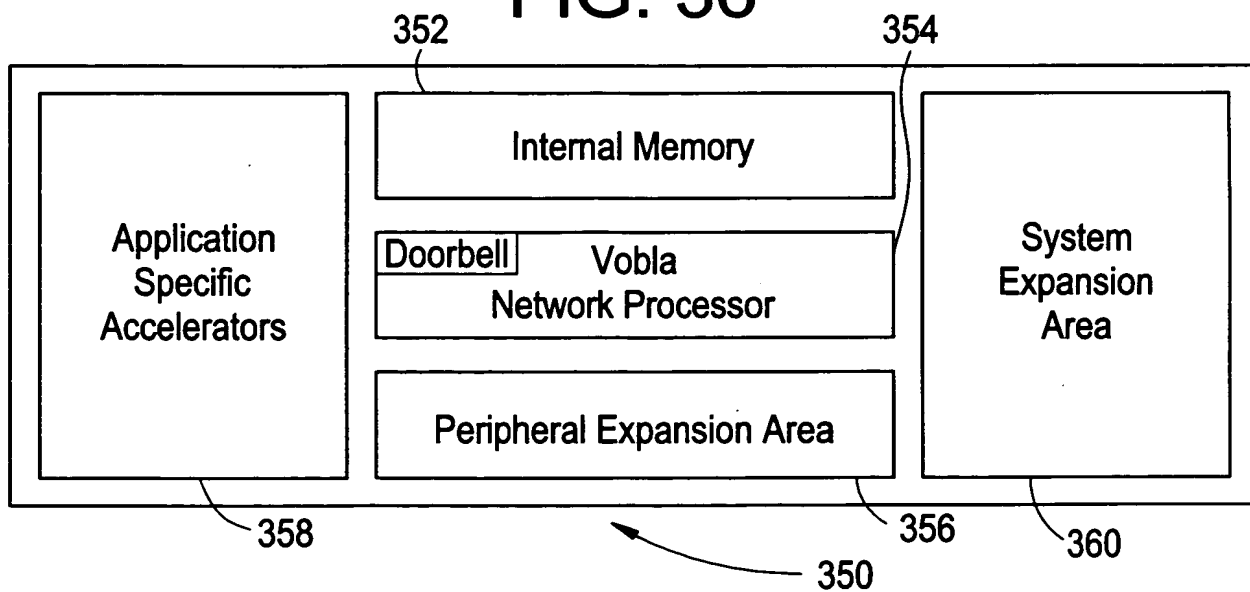


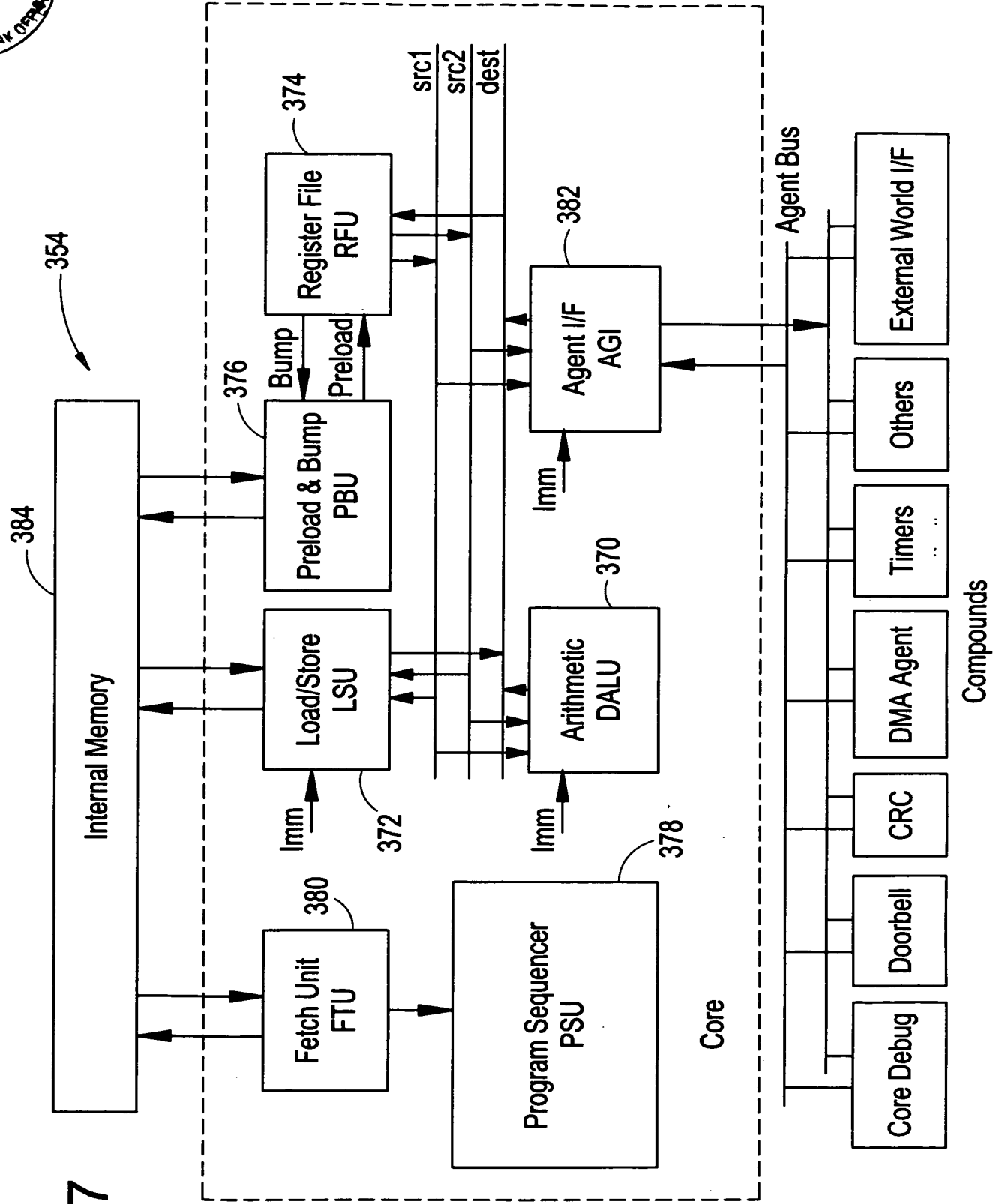
FIG. 36



209260-TECH9007

10064331-092602

FIG. 37



SEP 26 2002

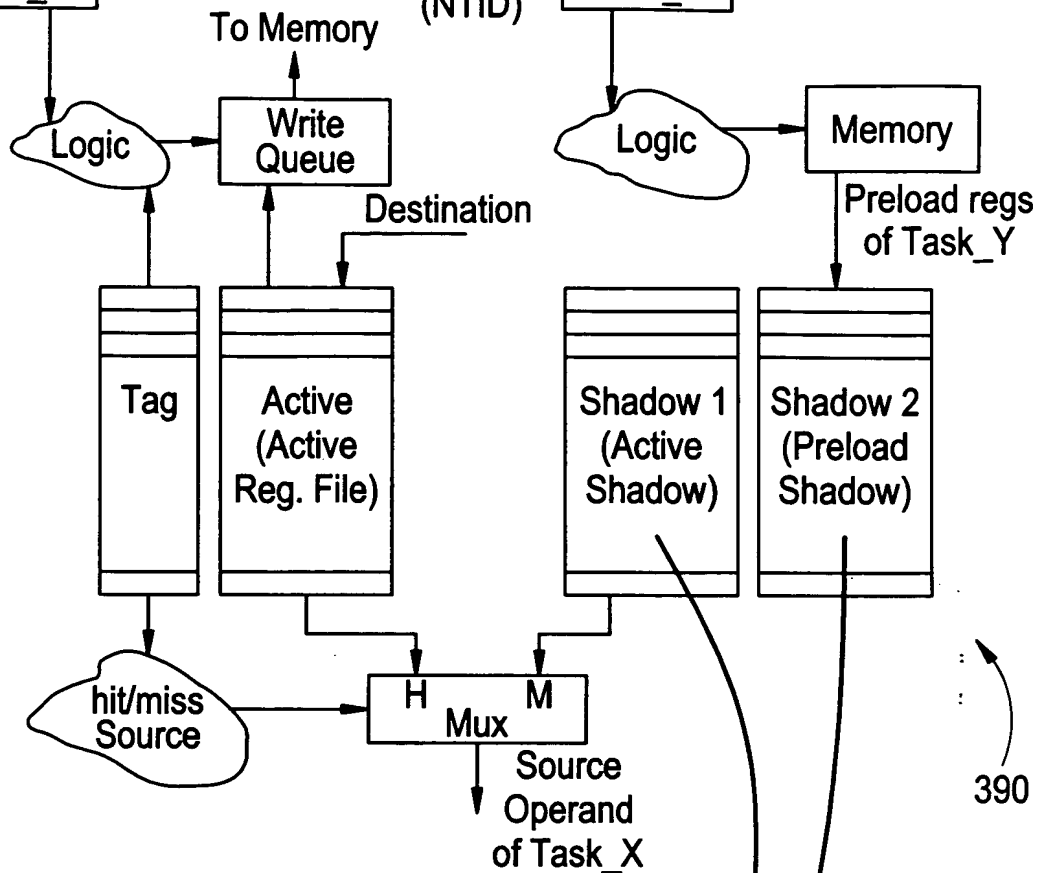
Current Task (CTID)

Task_X

Next Task (NTID)

Task_Y

TRADE MARK



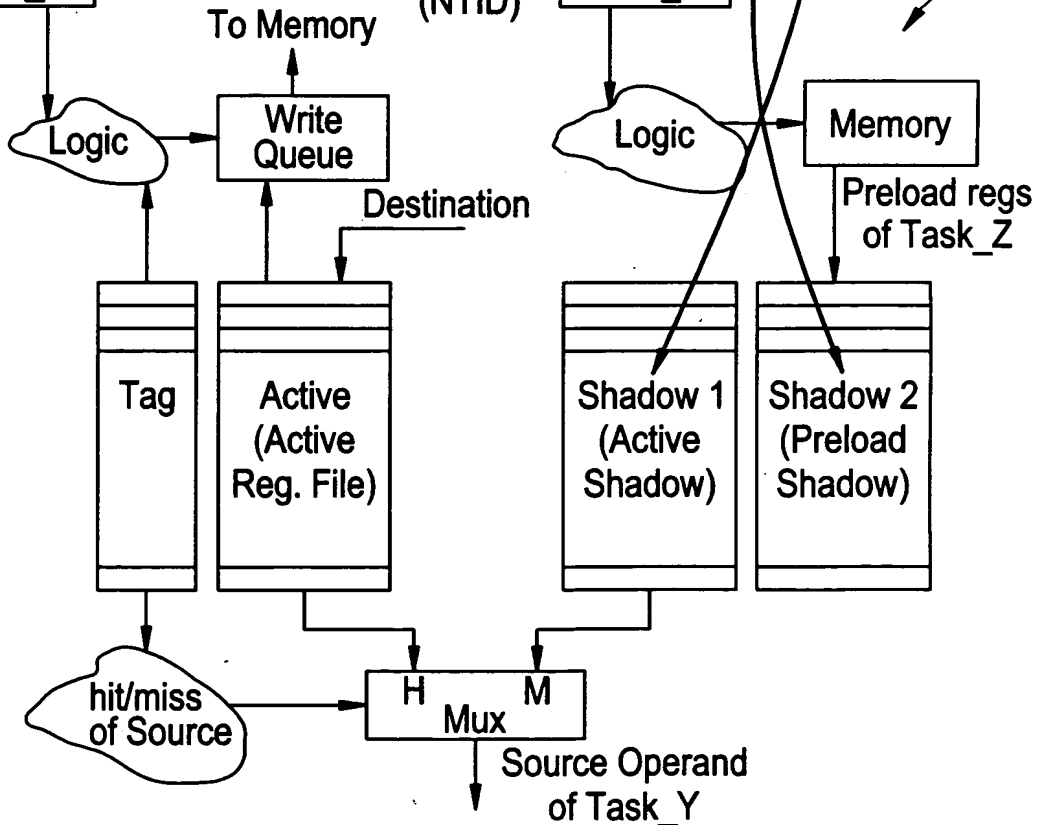
After a task switch

Current Task (CTID)

Task_Y

Next Task (NTID)

Task_Z



10064331-092602

FIG. 39

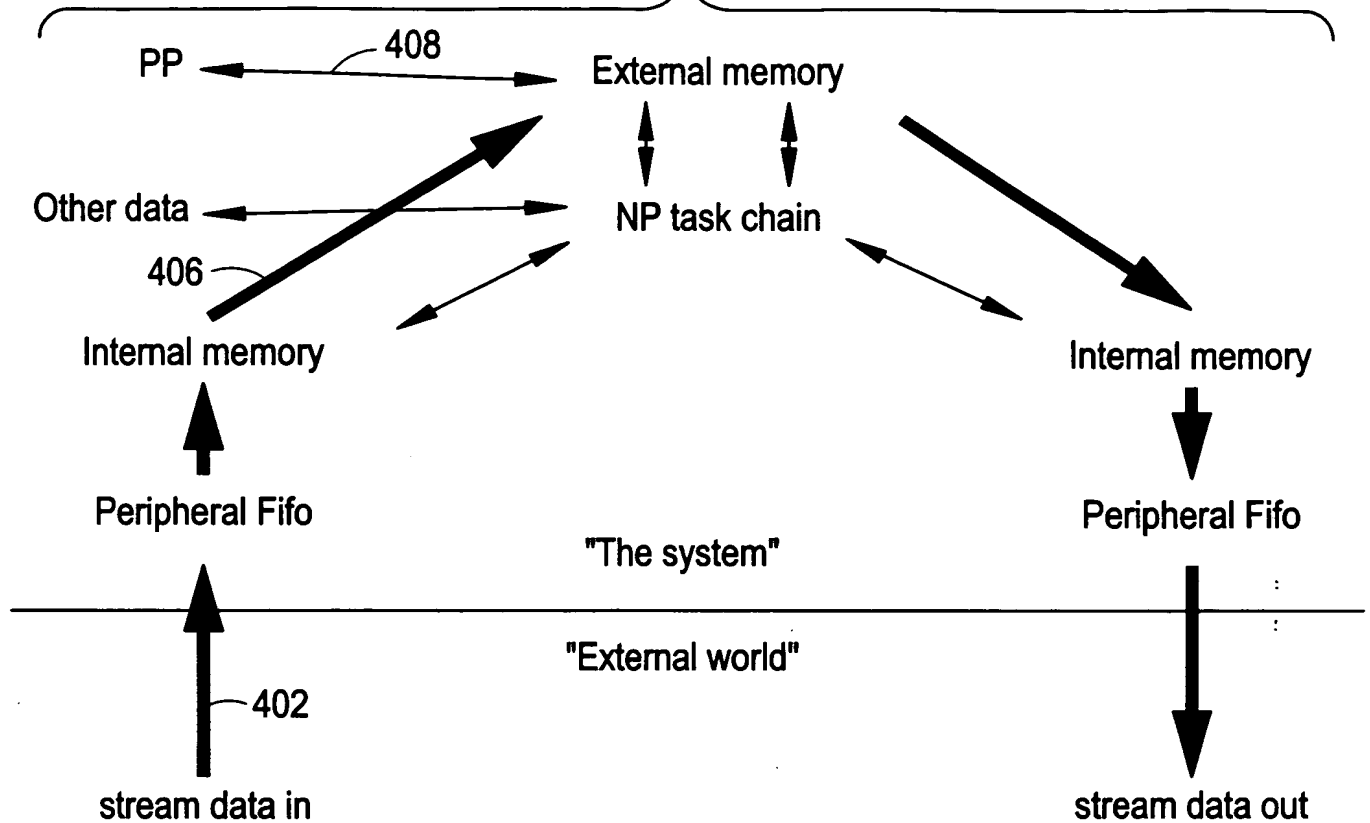
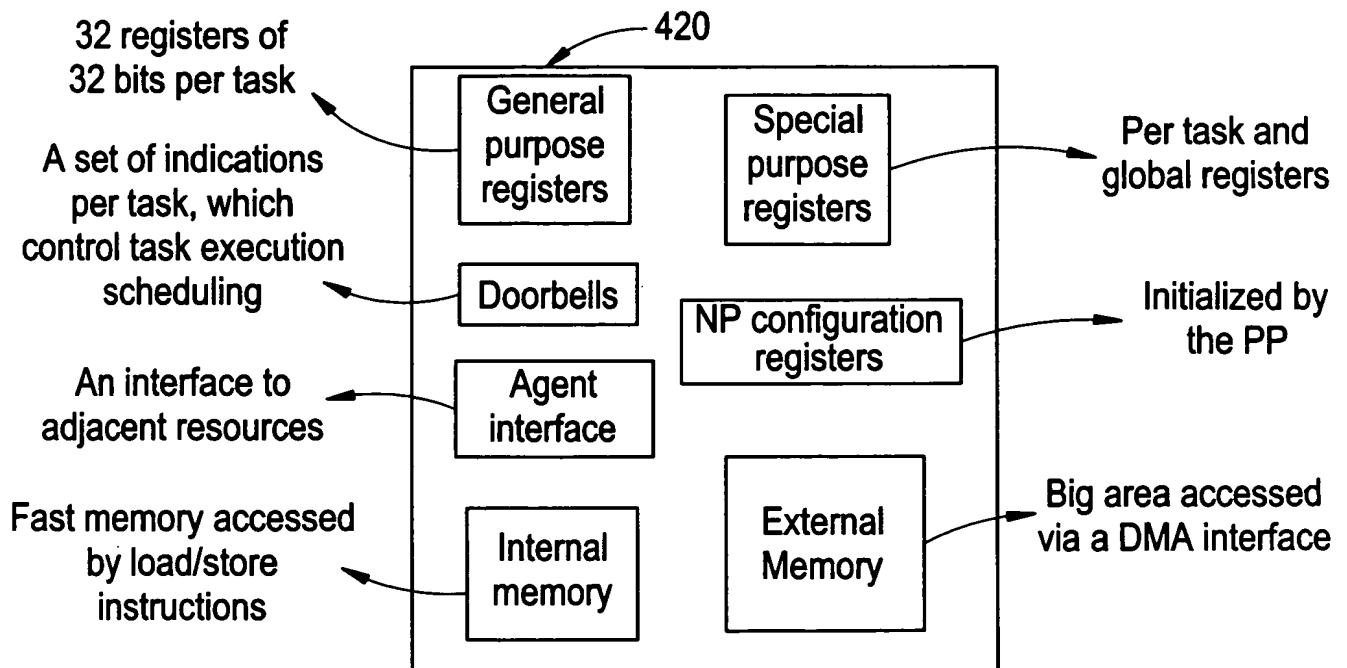


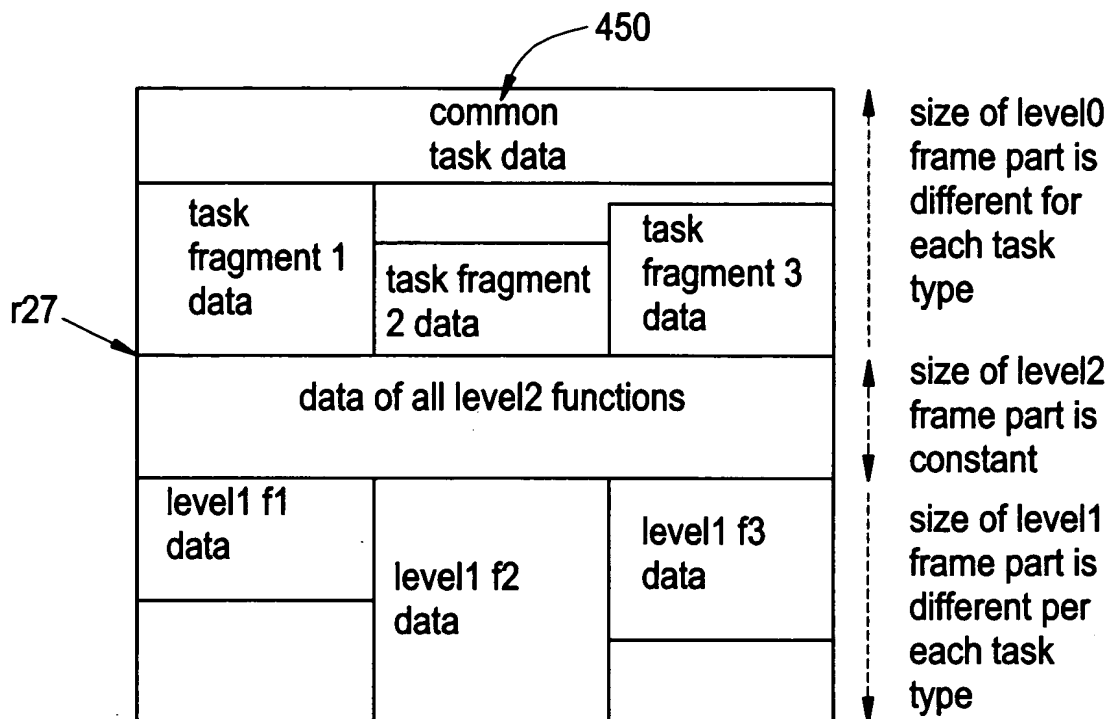
FIG. 40



21/64

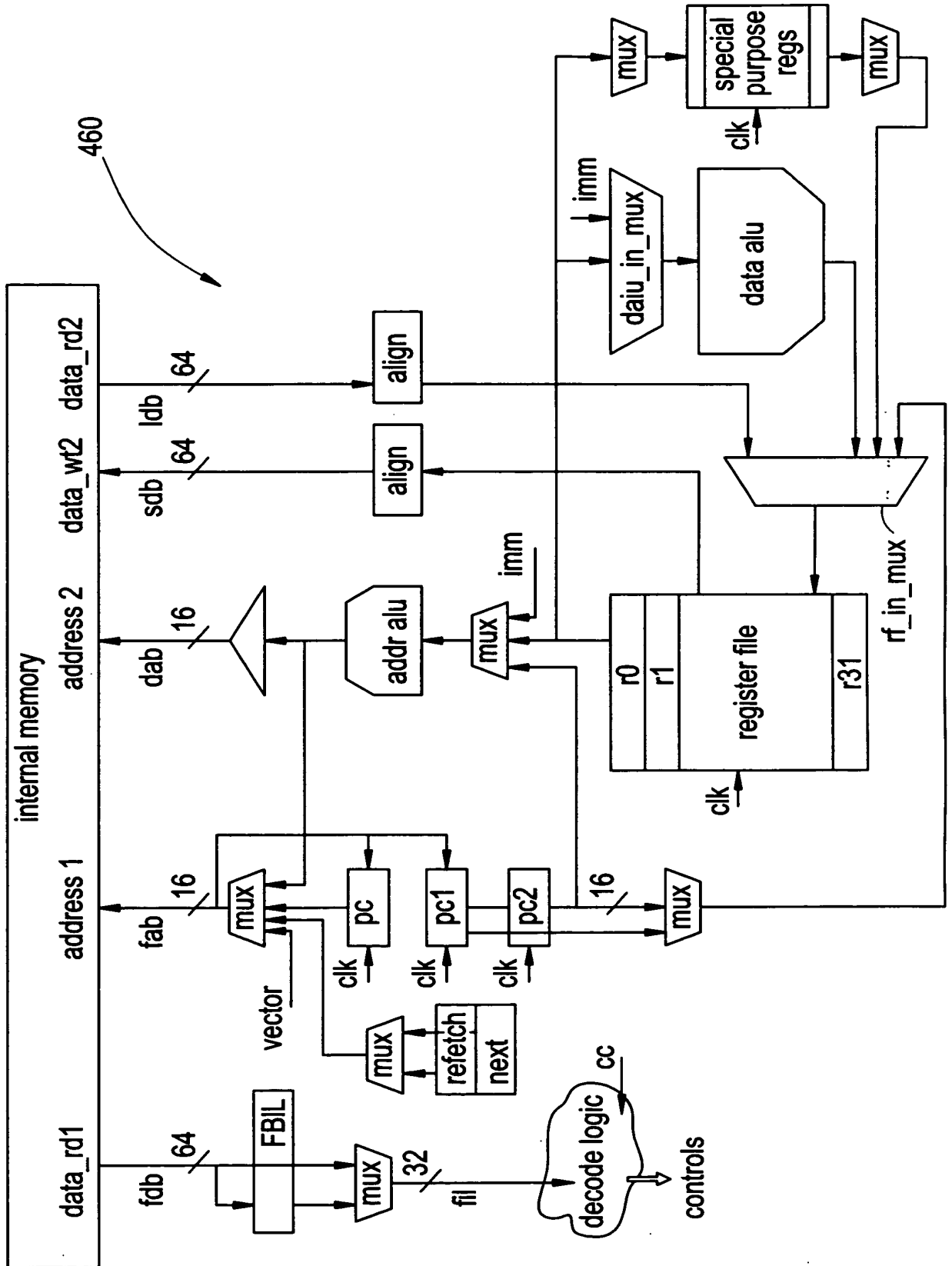


FIG. 43



209260-TECH900T 100643331-092602

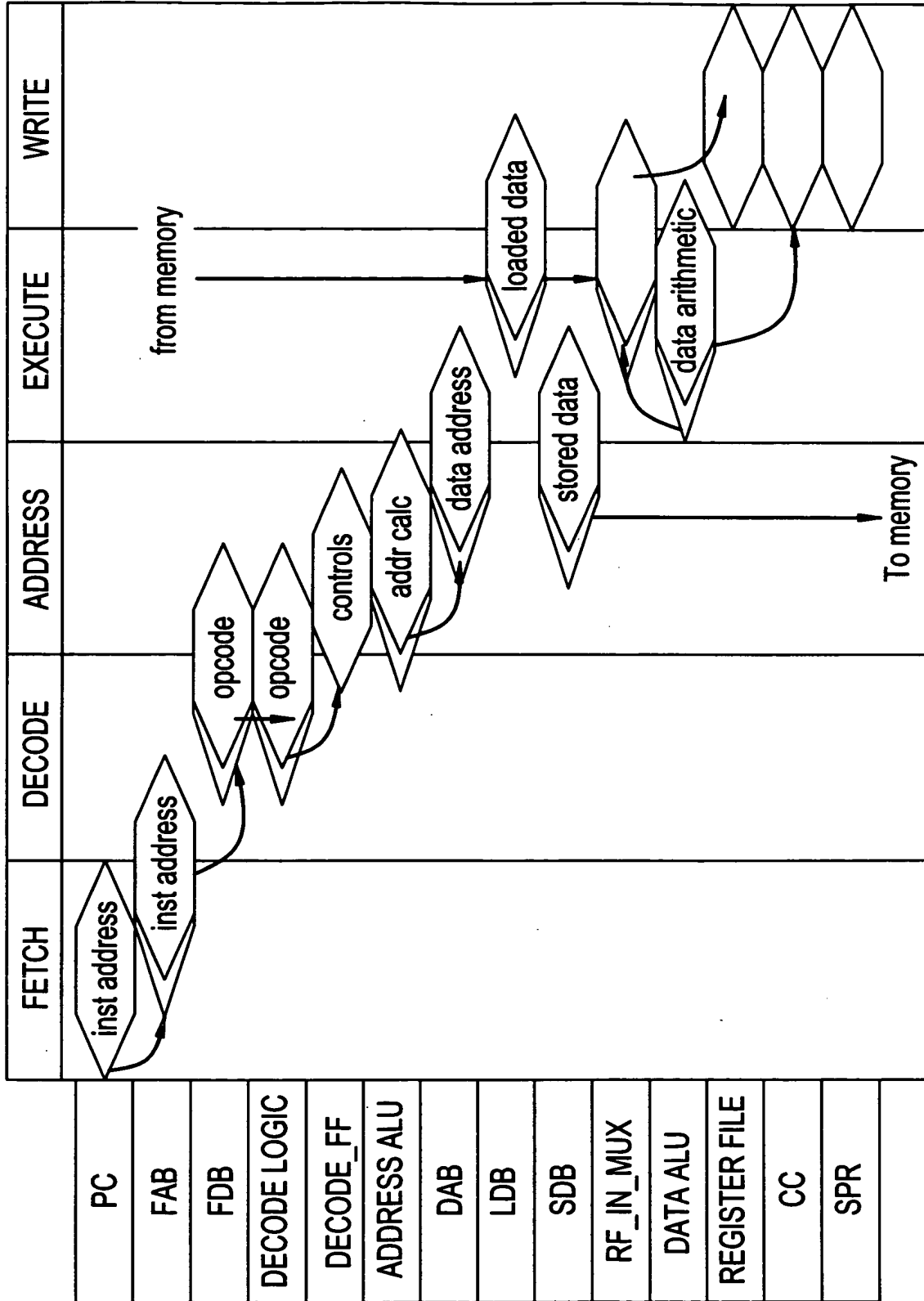
FIG. 44





480

FIG. 45



Flip Flop - Logic

FIG. 46

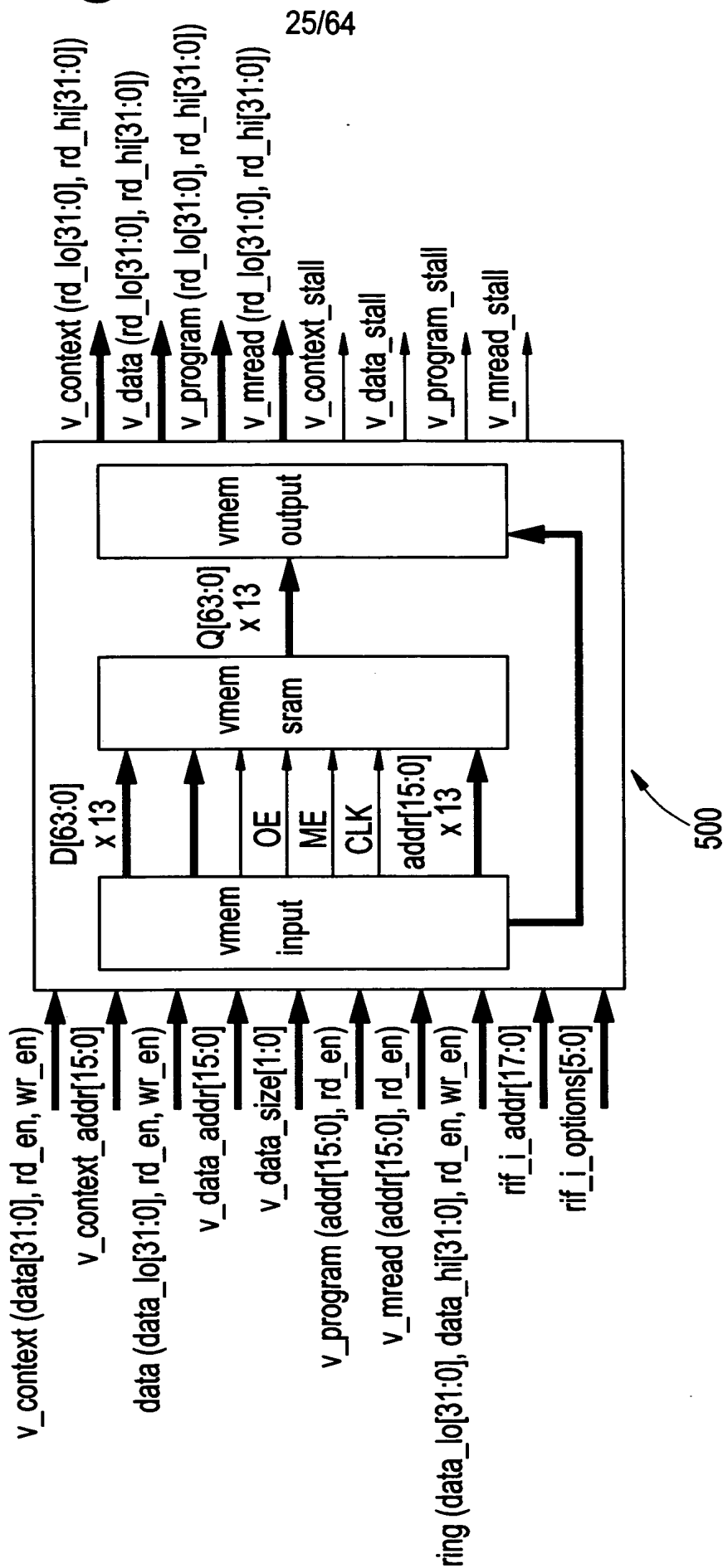
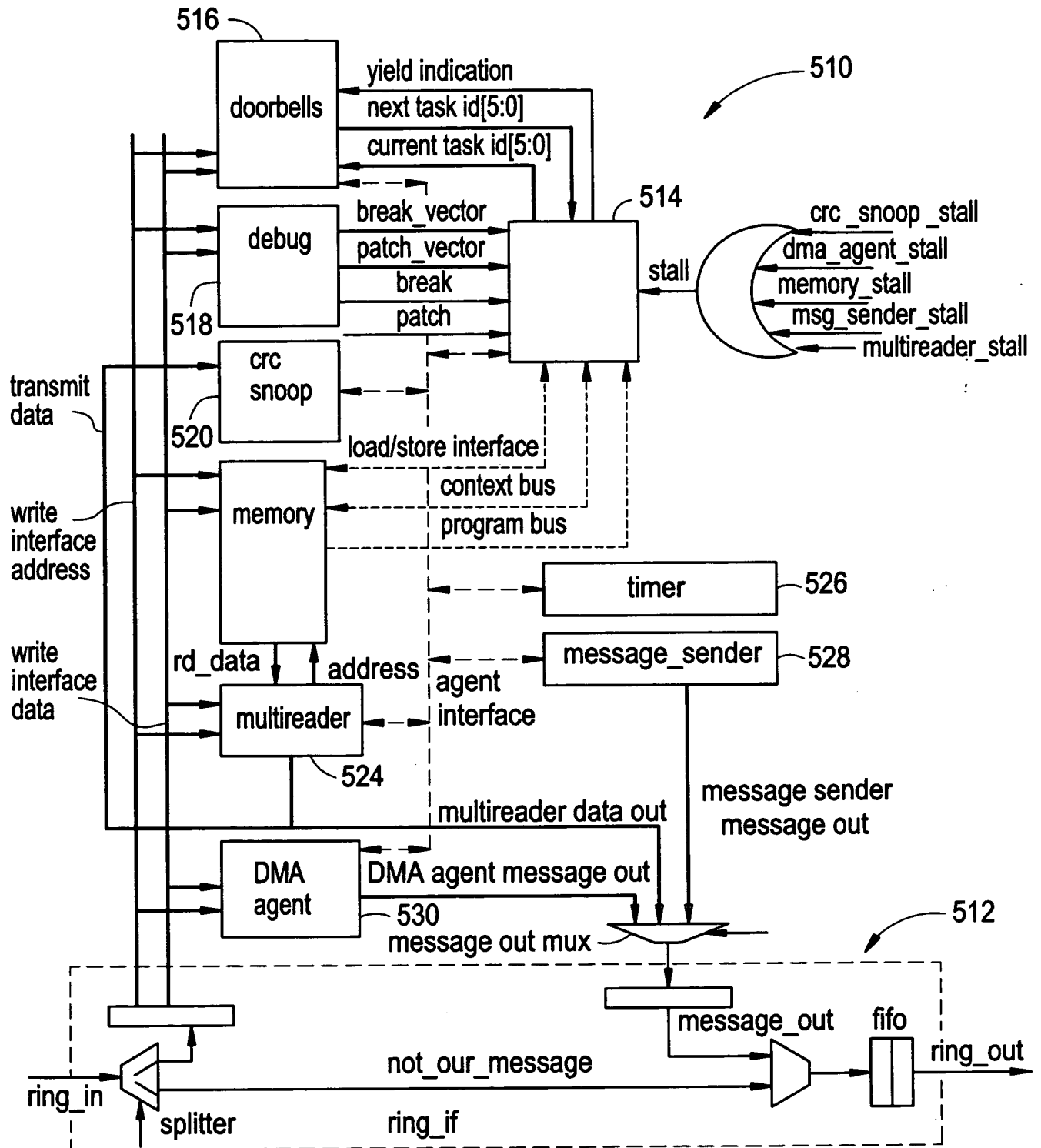


FIG. 47



10064331.092602

FIG. 48

524

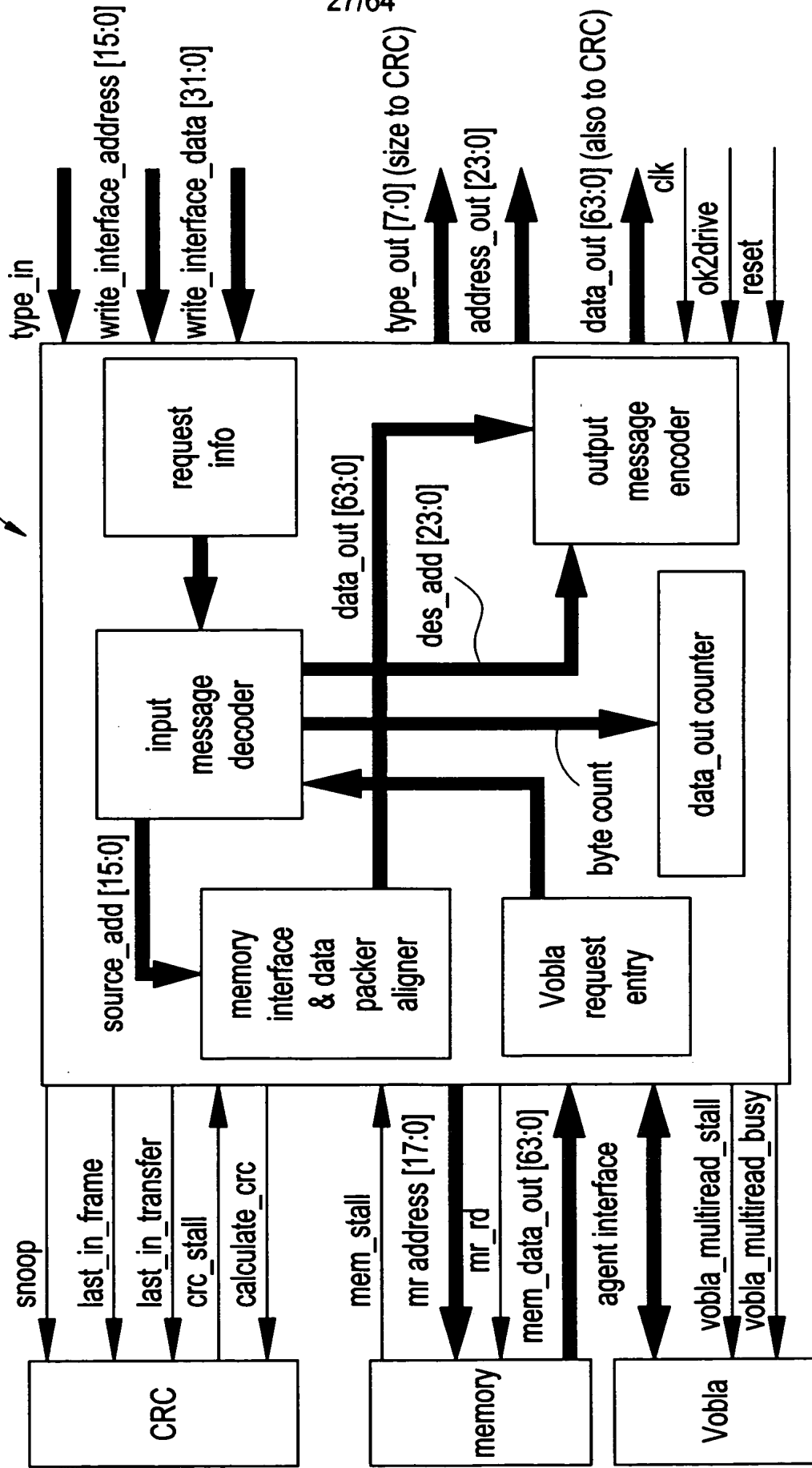


FIG. 49

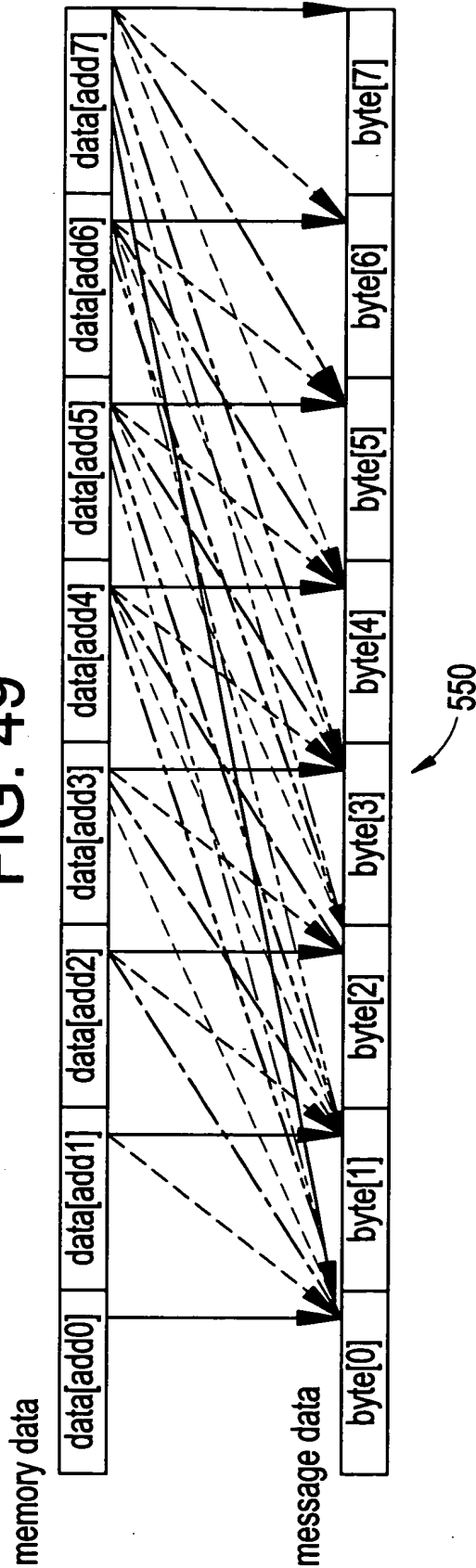


FIG. 50

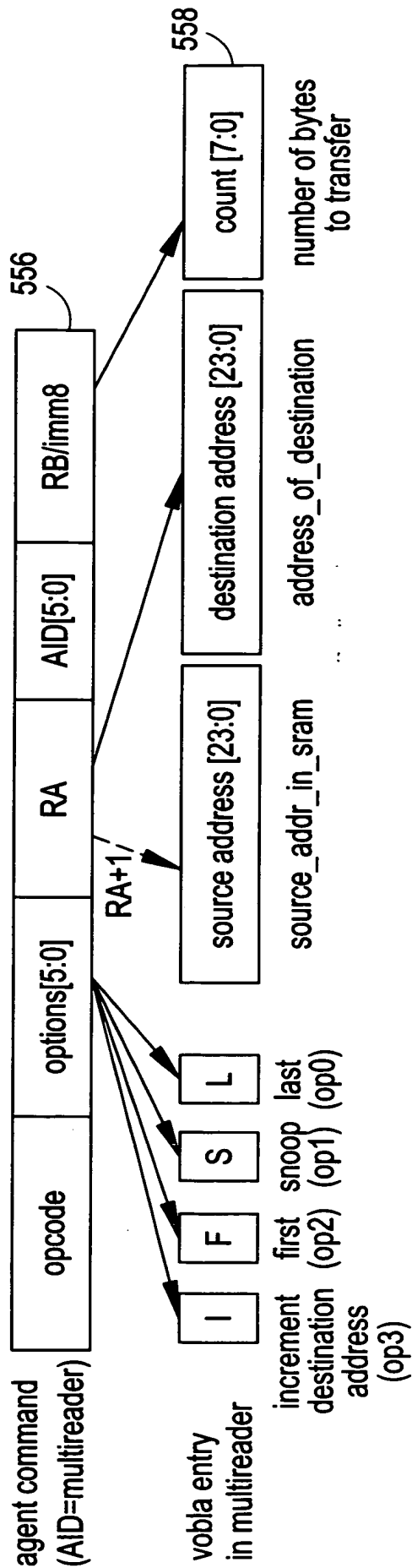


FIG. 51

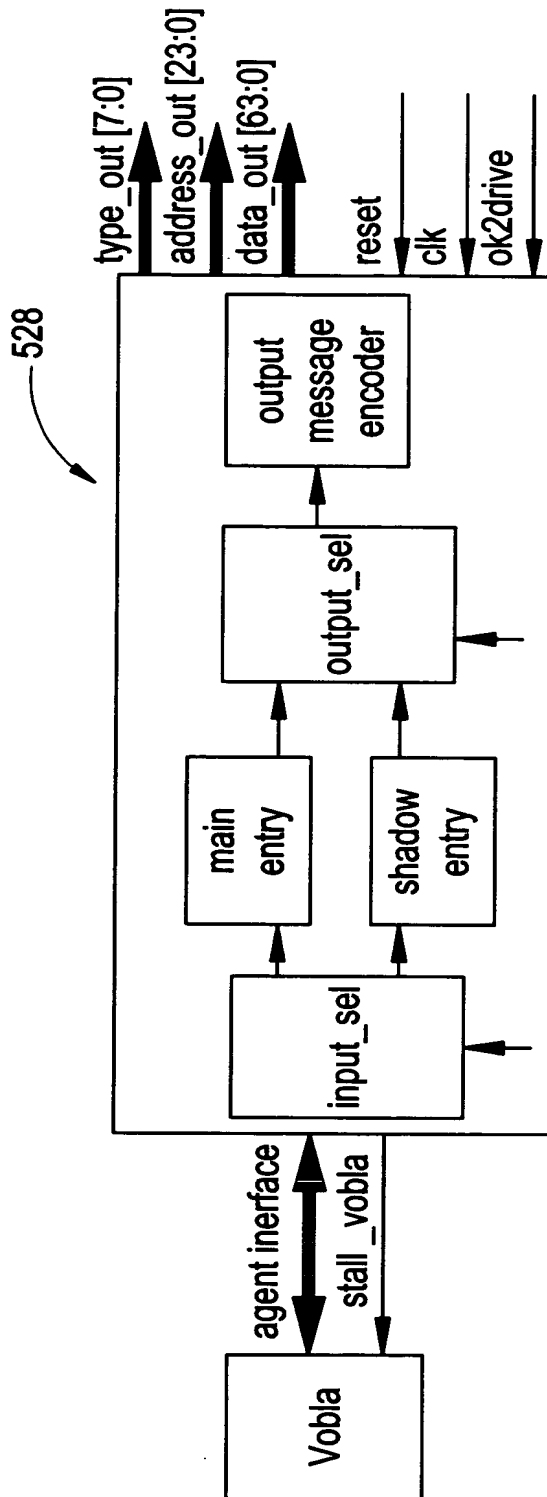


FIG. 52

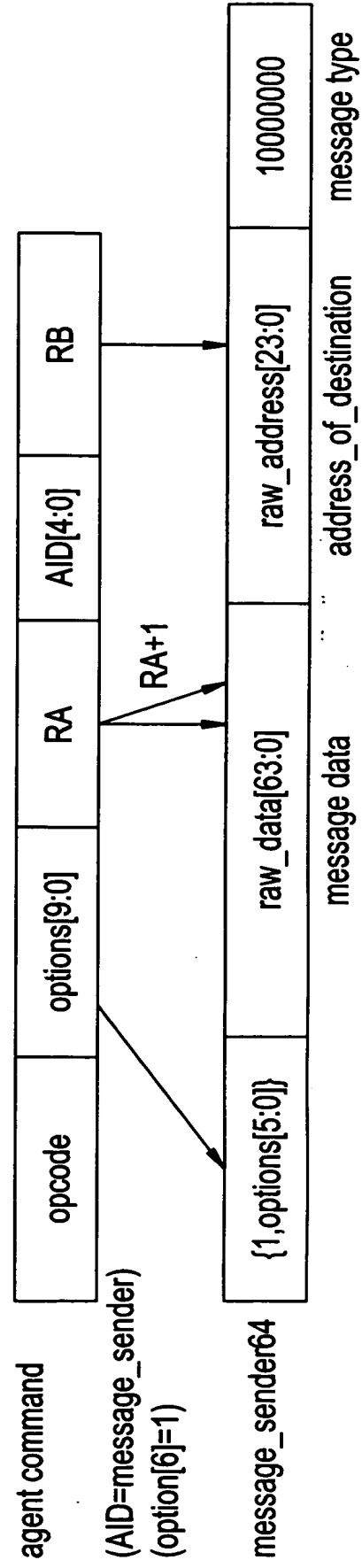
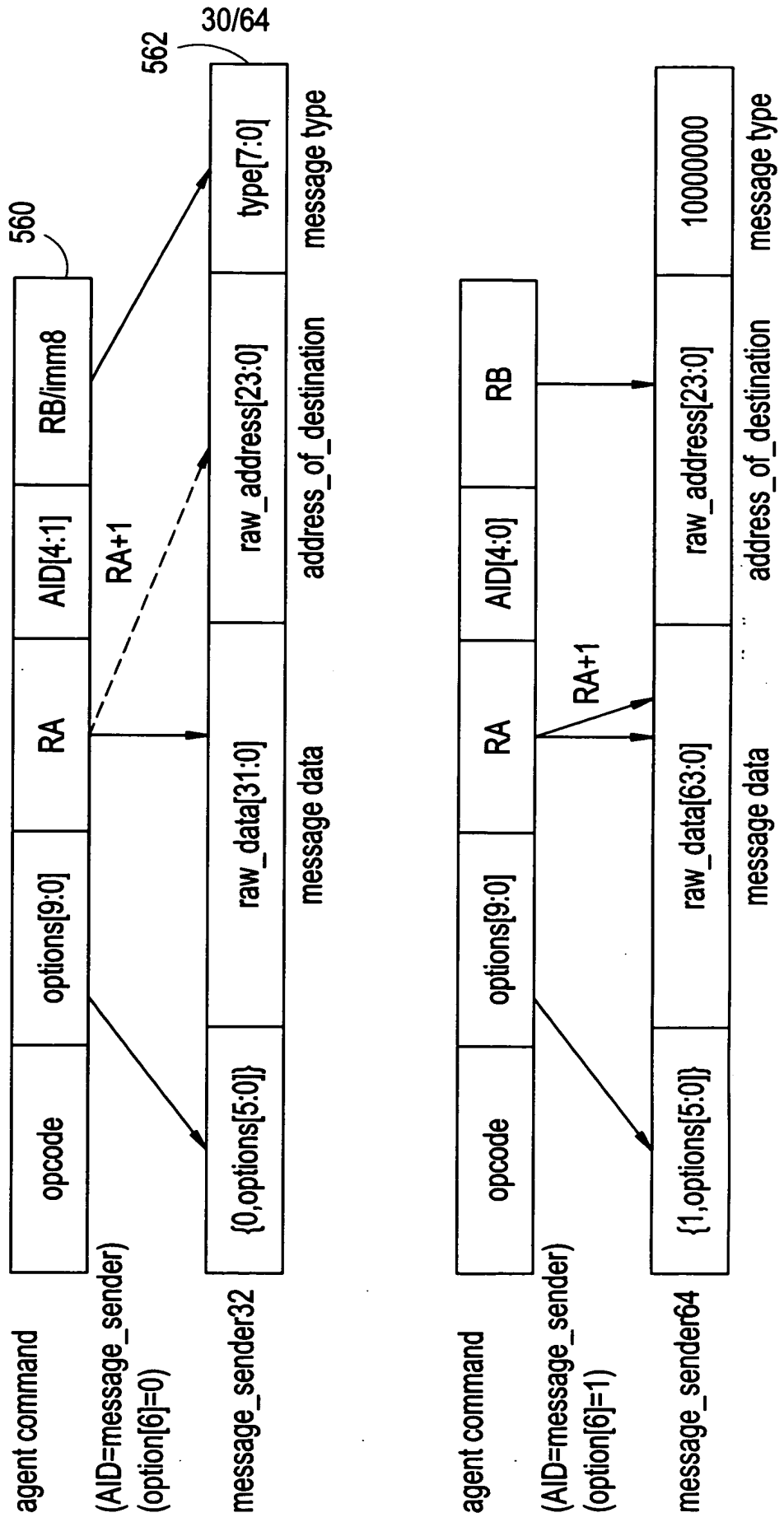


FIG. 53

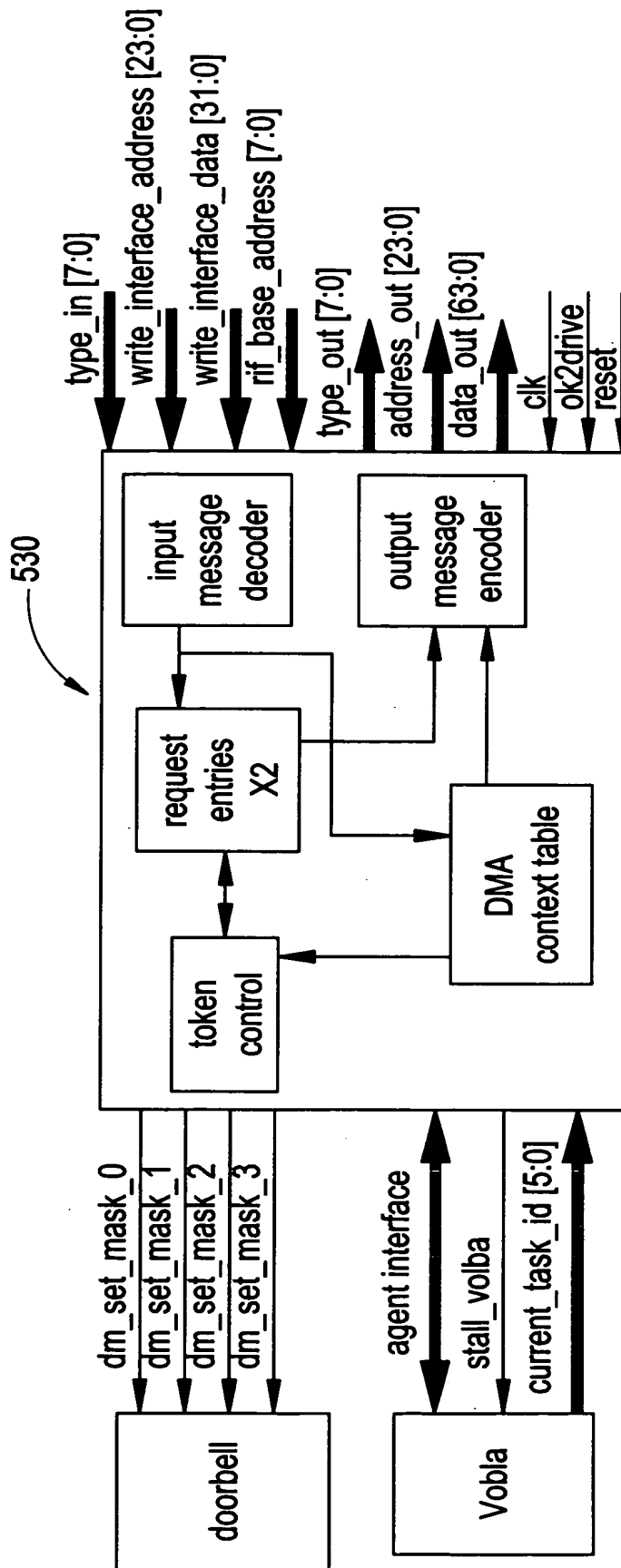


FIG. 54

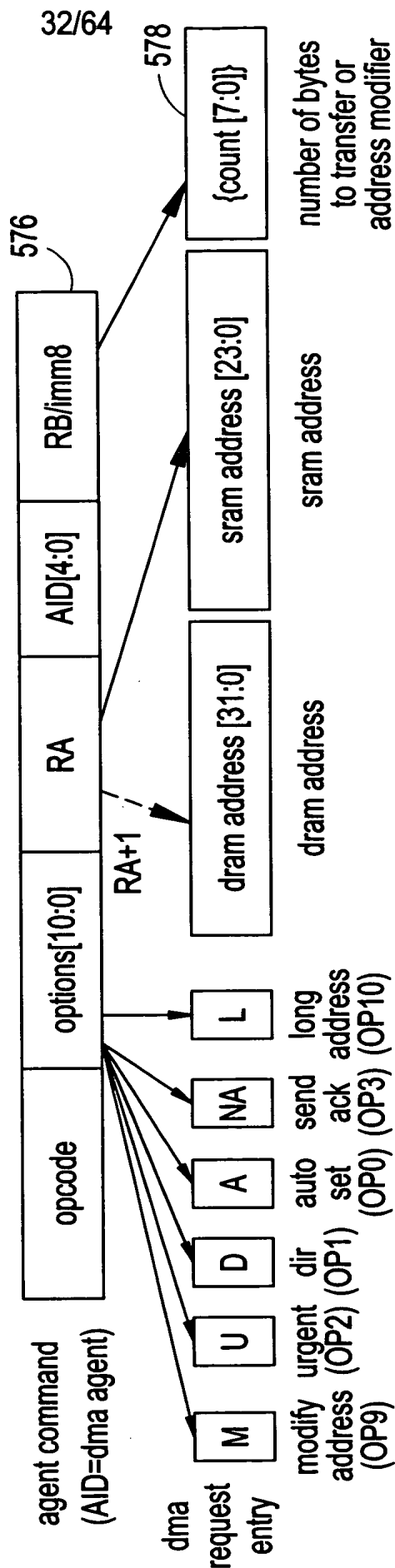


FIG. 55

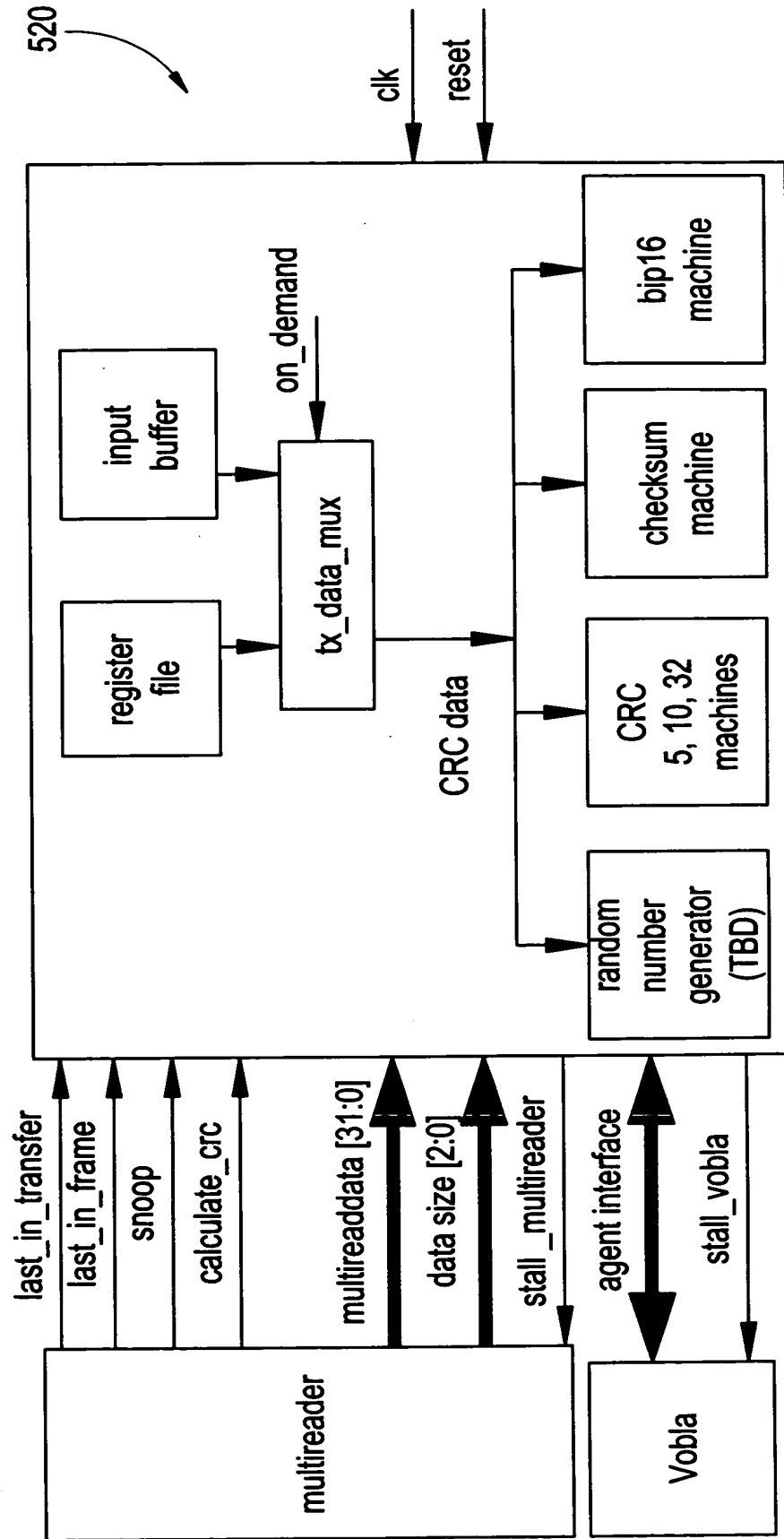




FIG. 56

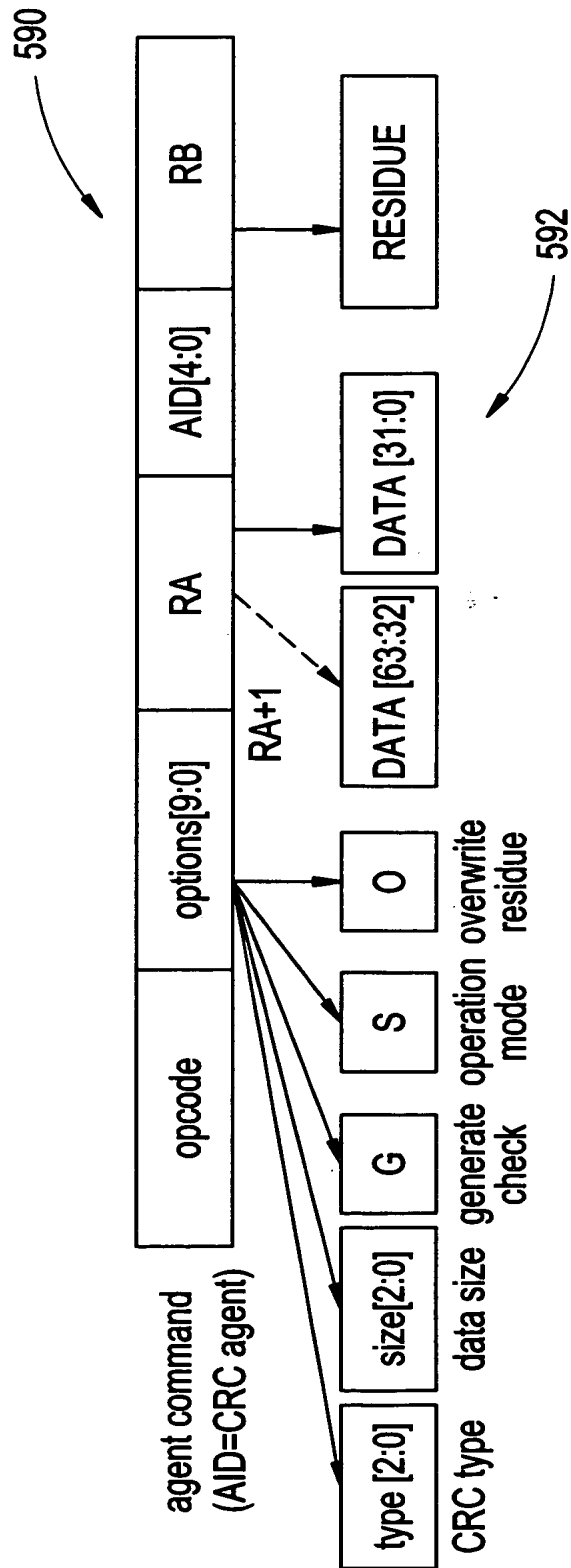


FIG. 57

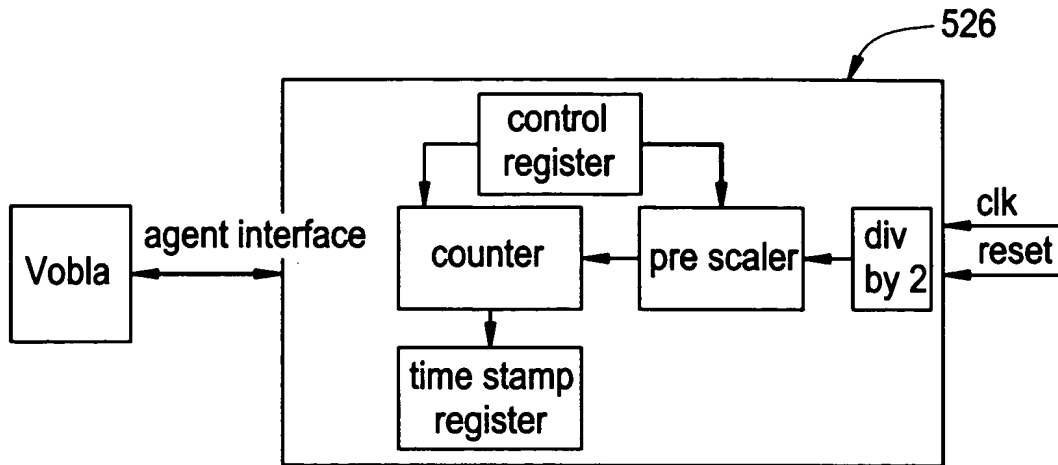


FIG. 58

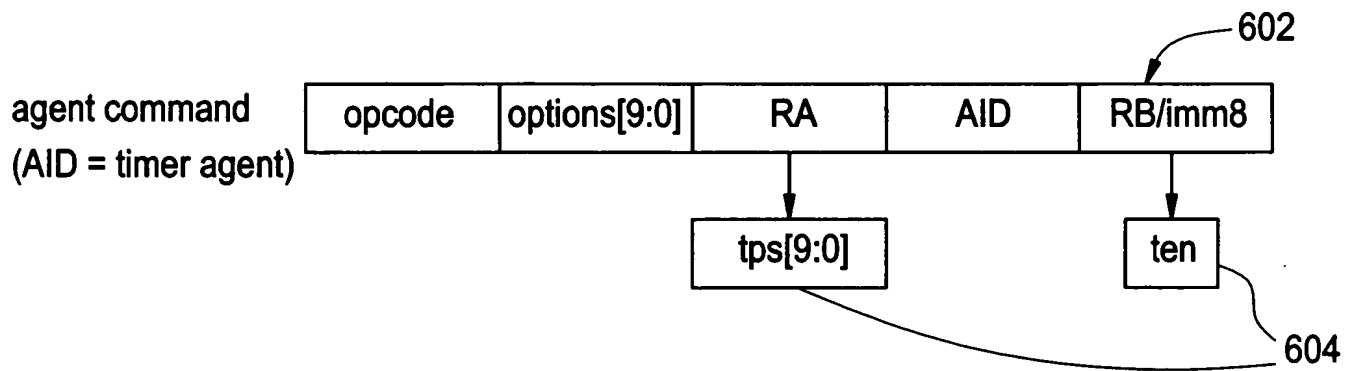


FIG. 59

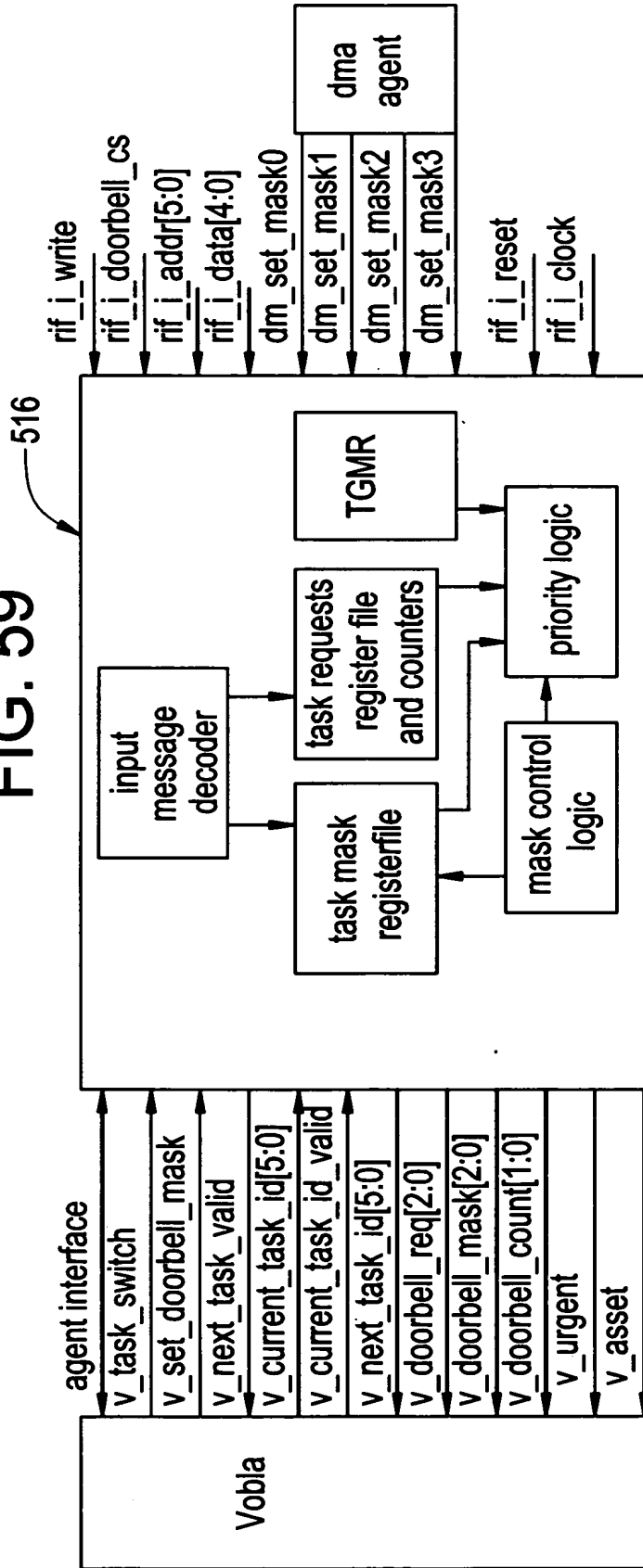


FIG. 60

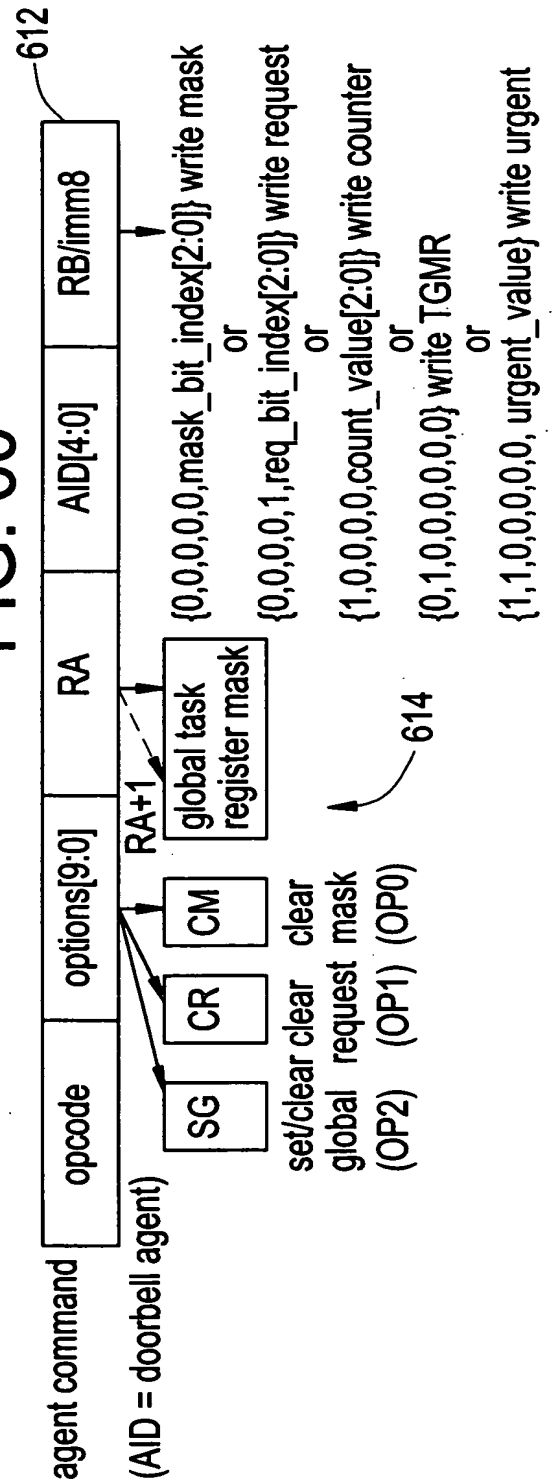


FIG. 61

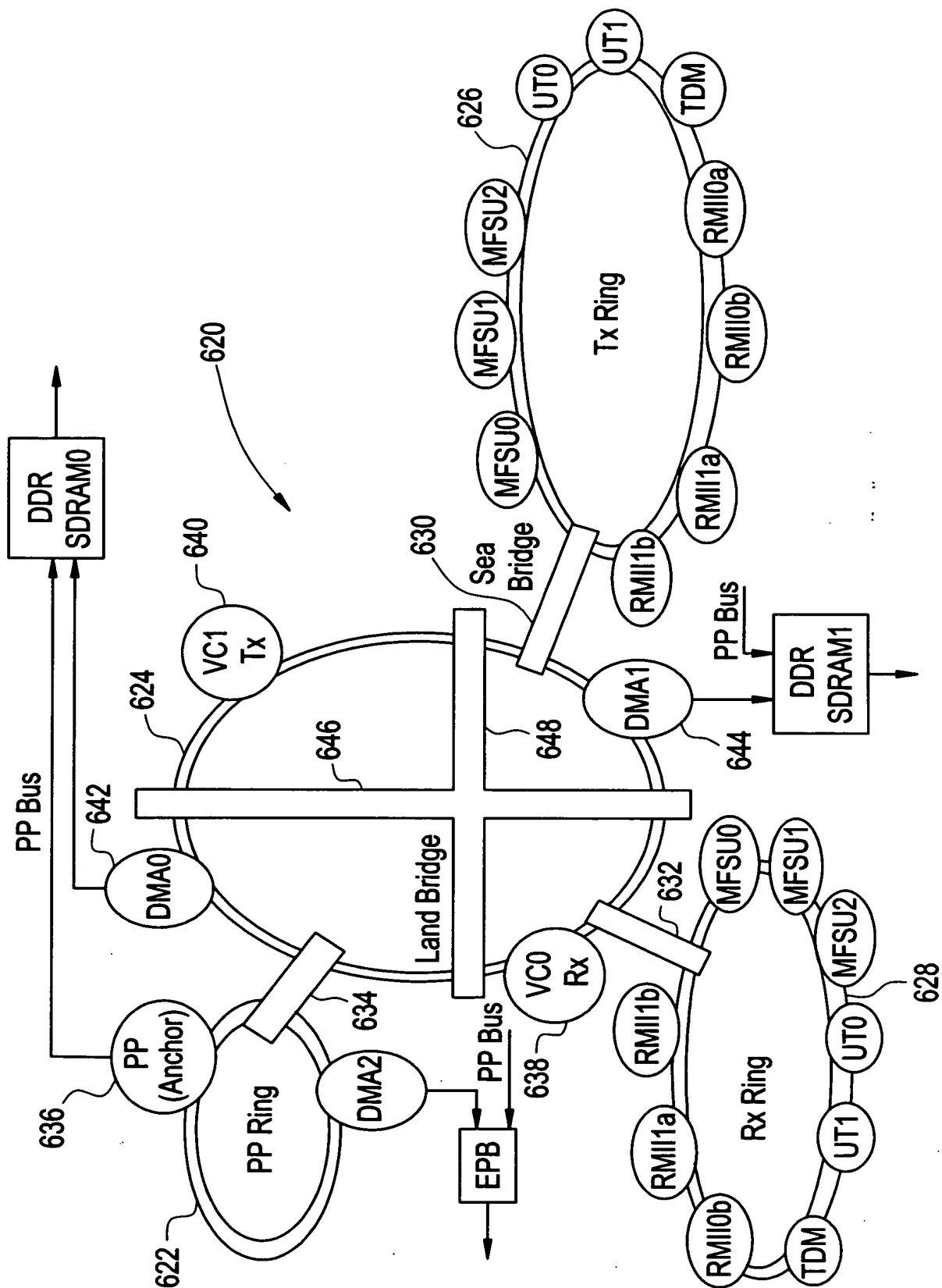


FIG. 62

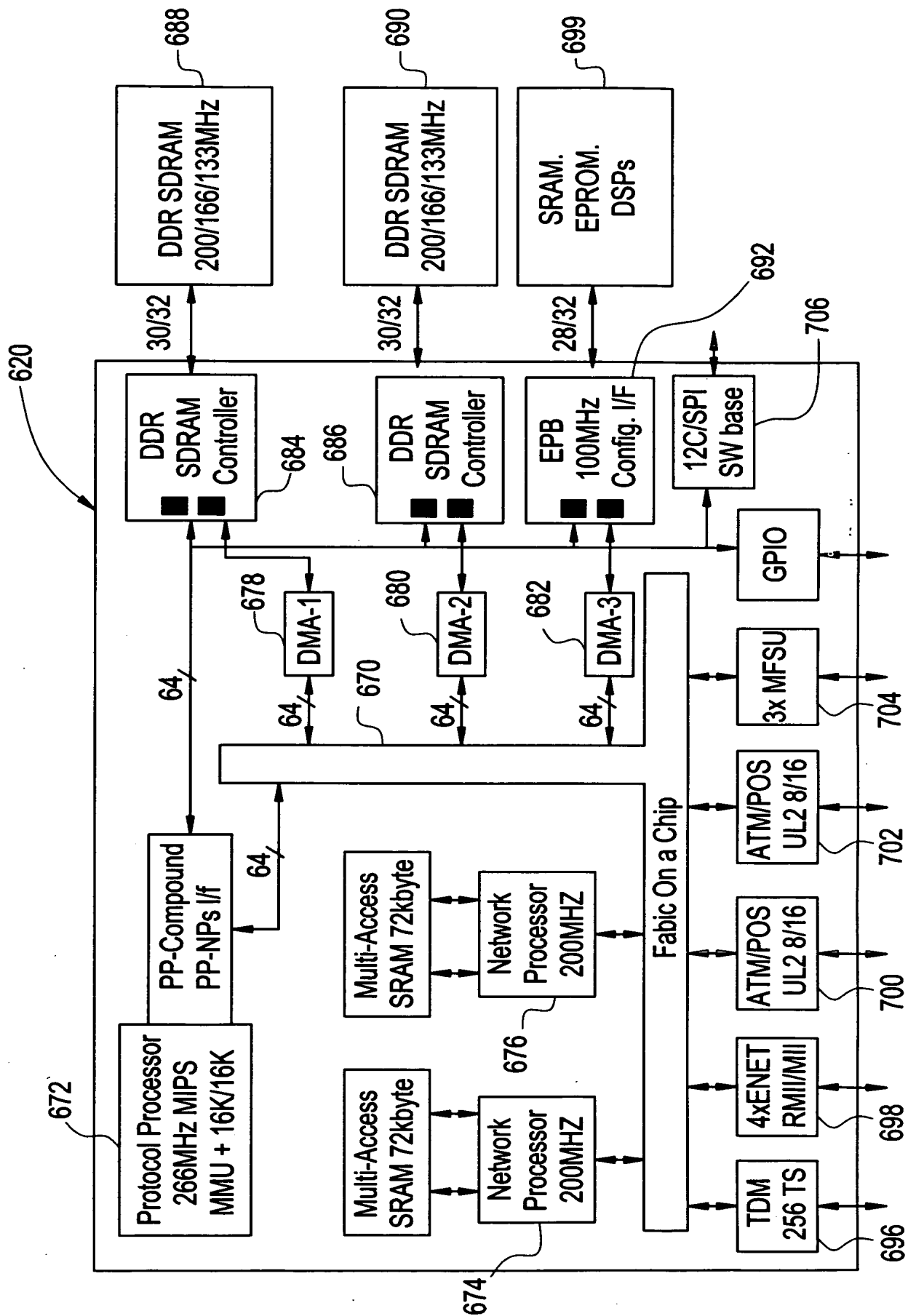
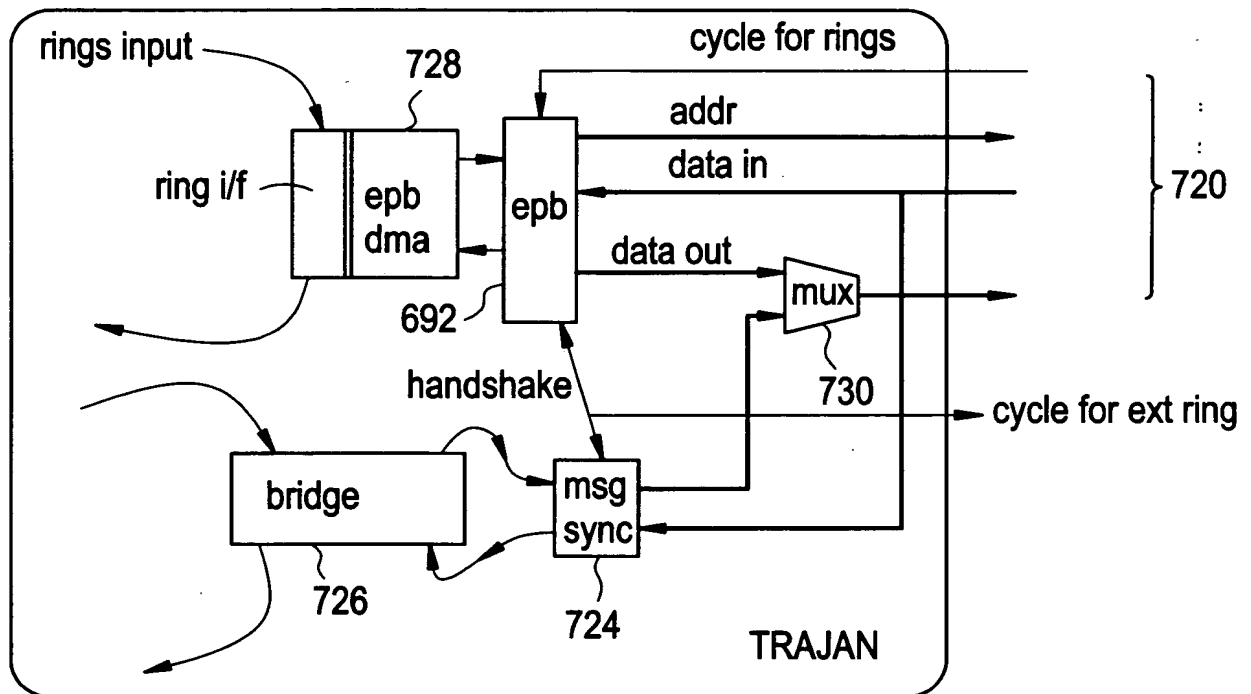
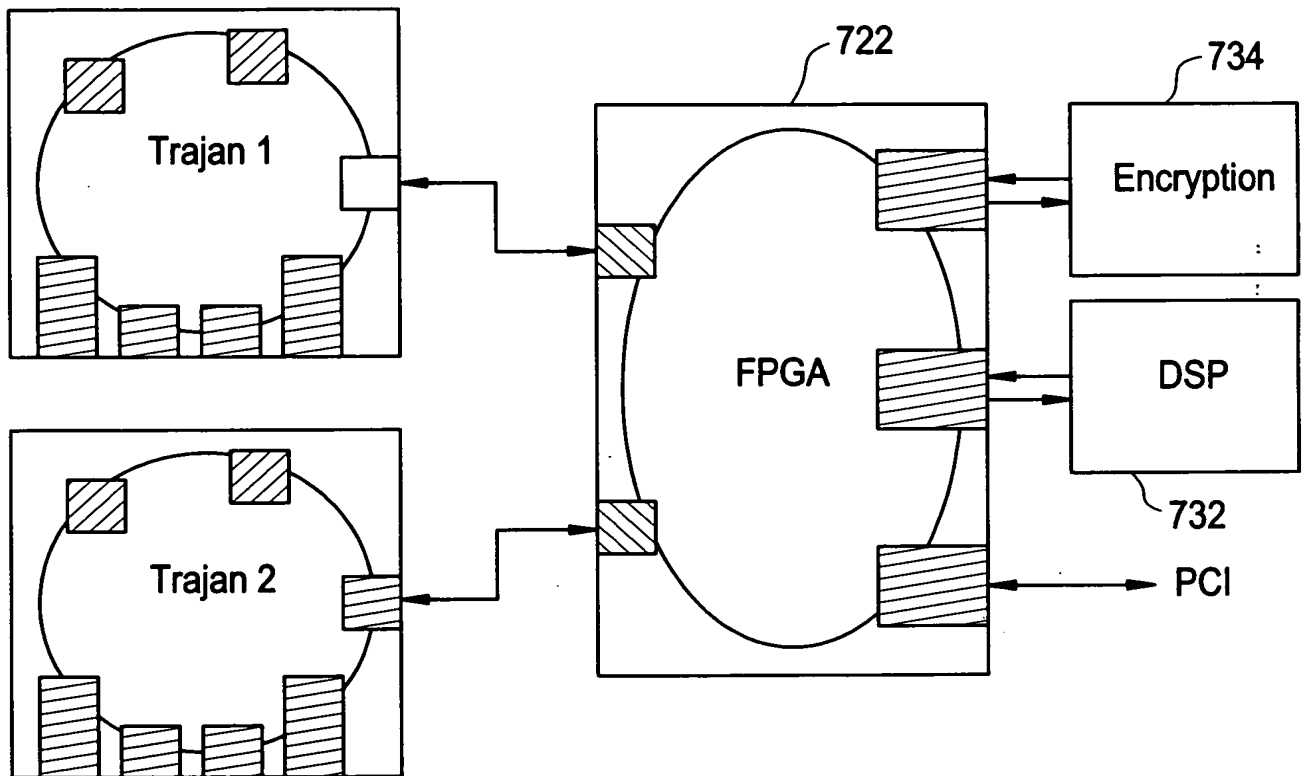





FIG. 63



209260" TEEH900T

FIG. 64



-  Processor
-  Functional unit
-  External ring interface

10064331.092602



FIG. 65

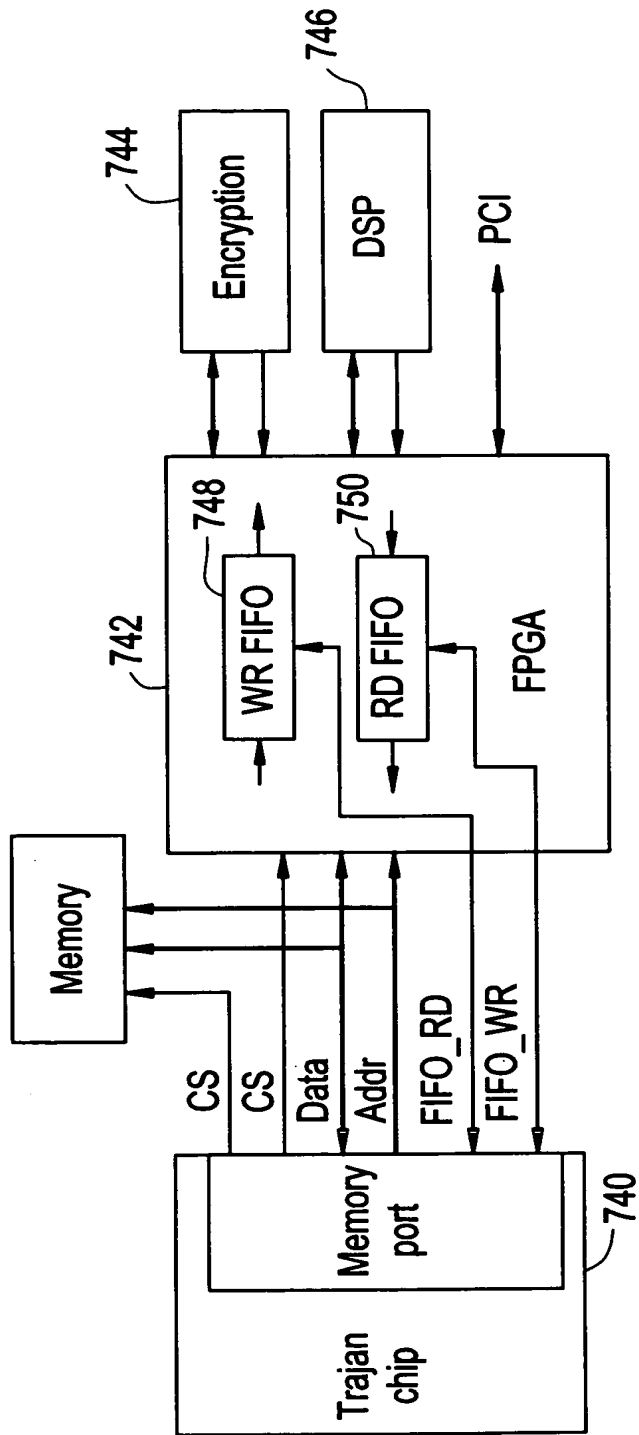


FIG. 67

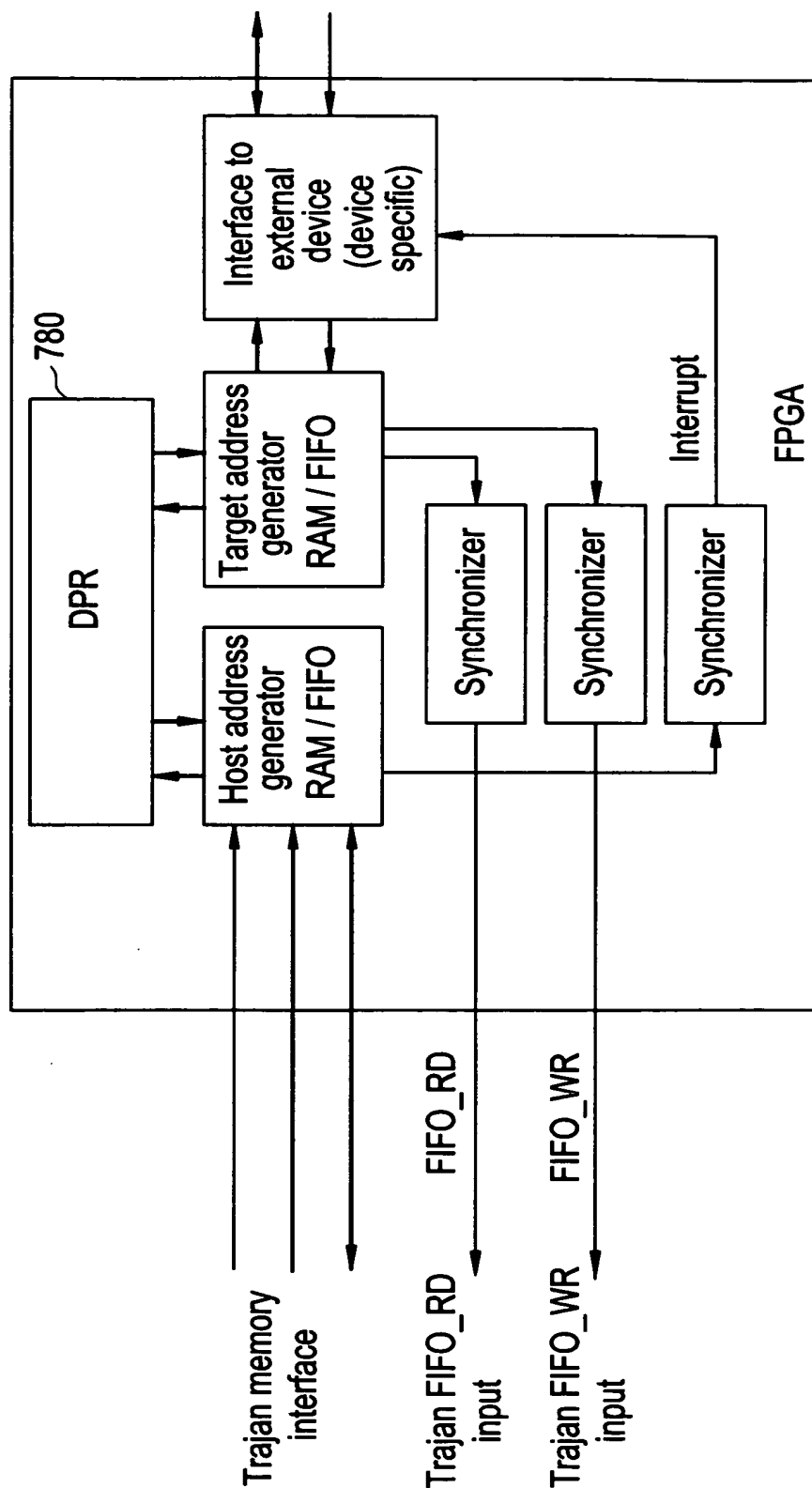




FIG. 68

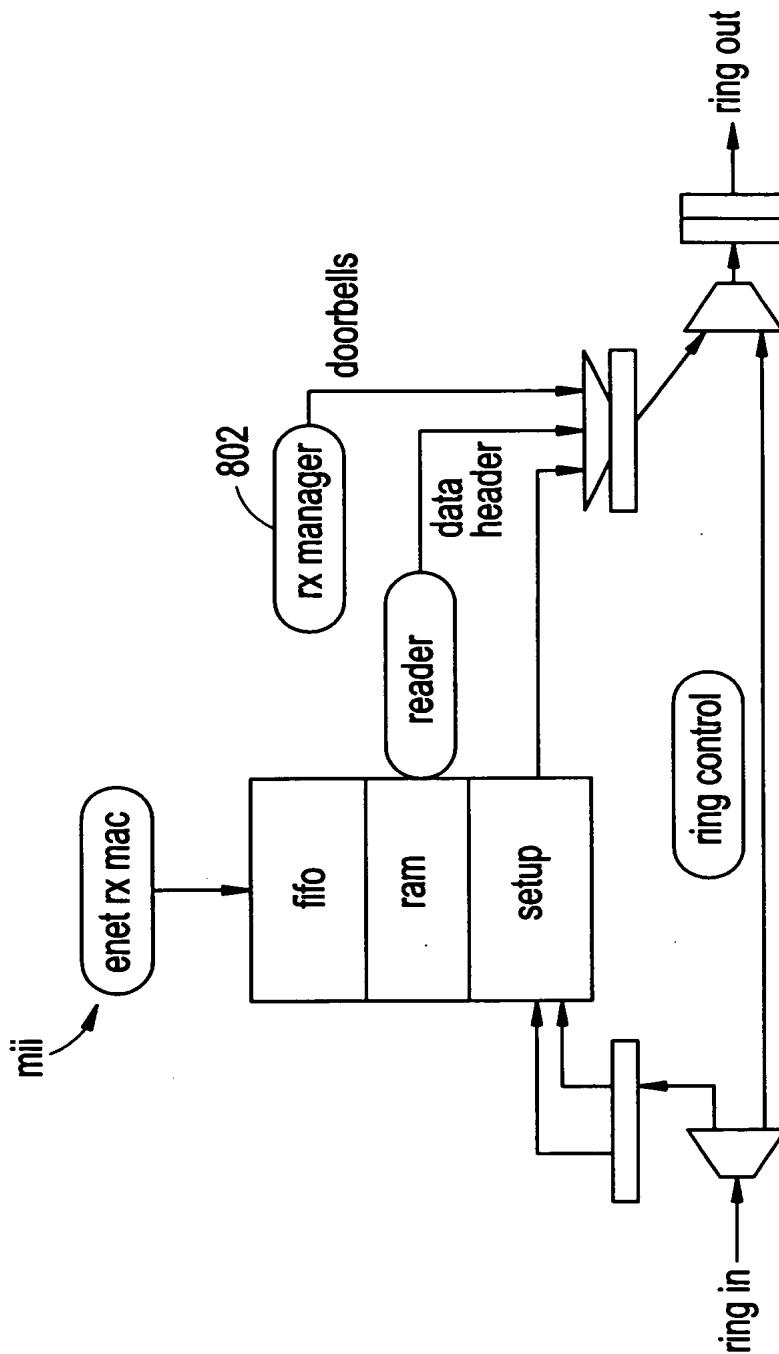
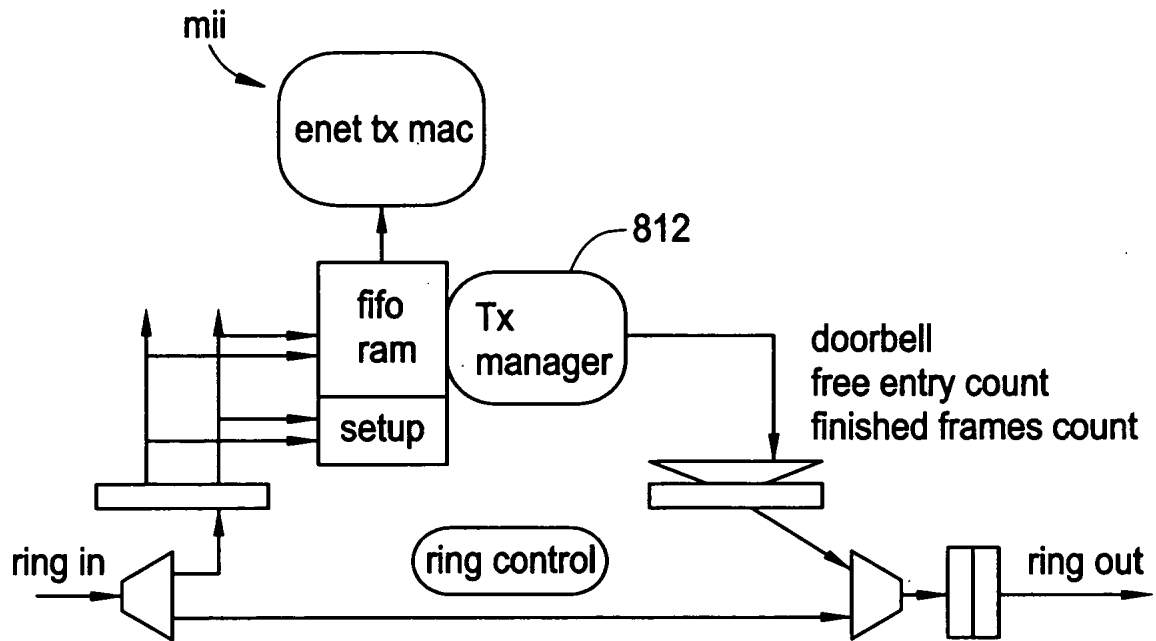


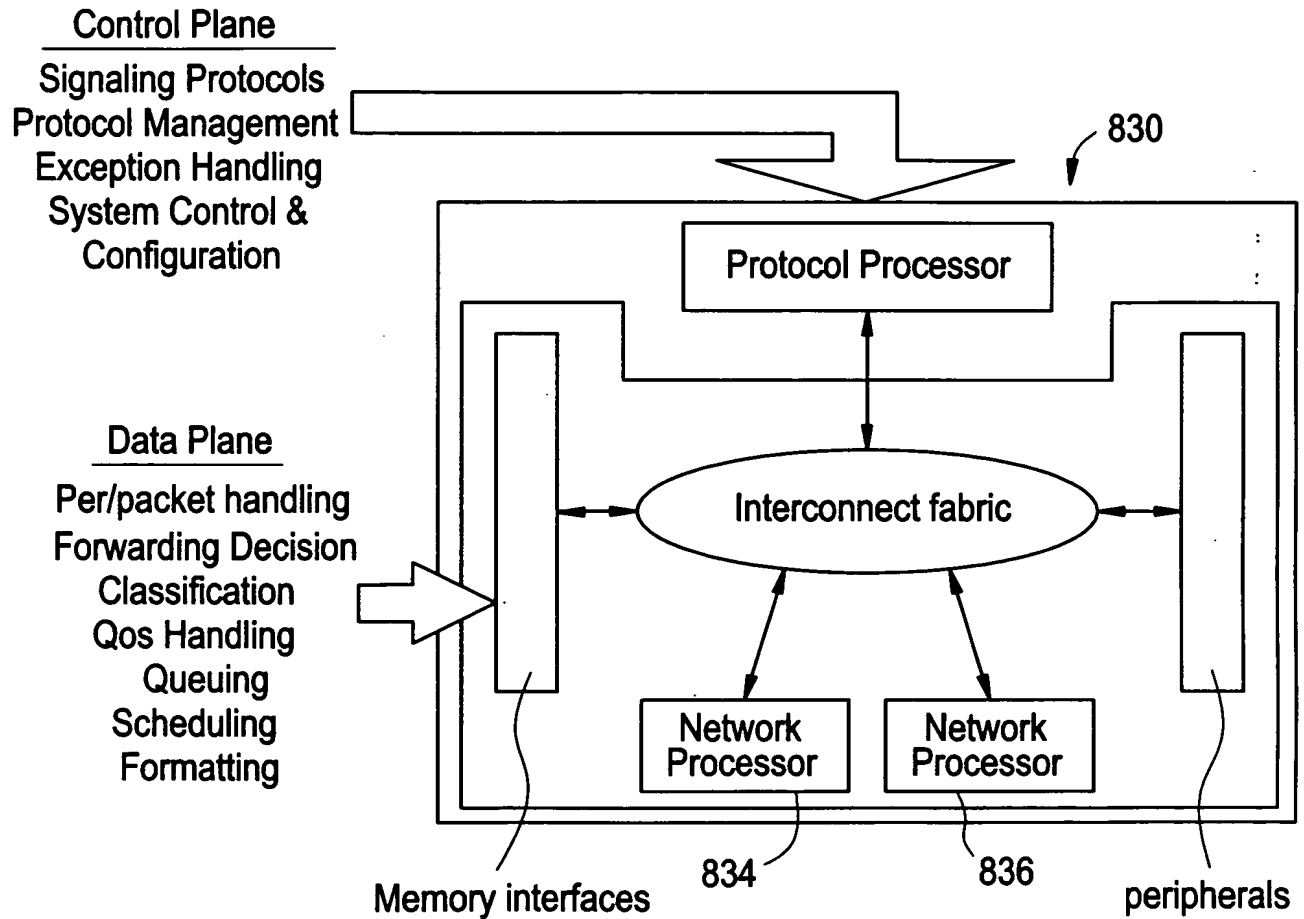
FIG. 69



10064334.092602
209260 TEEH900T



FIG. 70



209260 TEE4900T

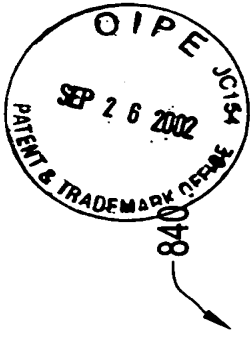


FIG. 71

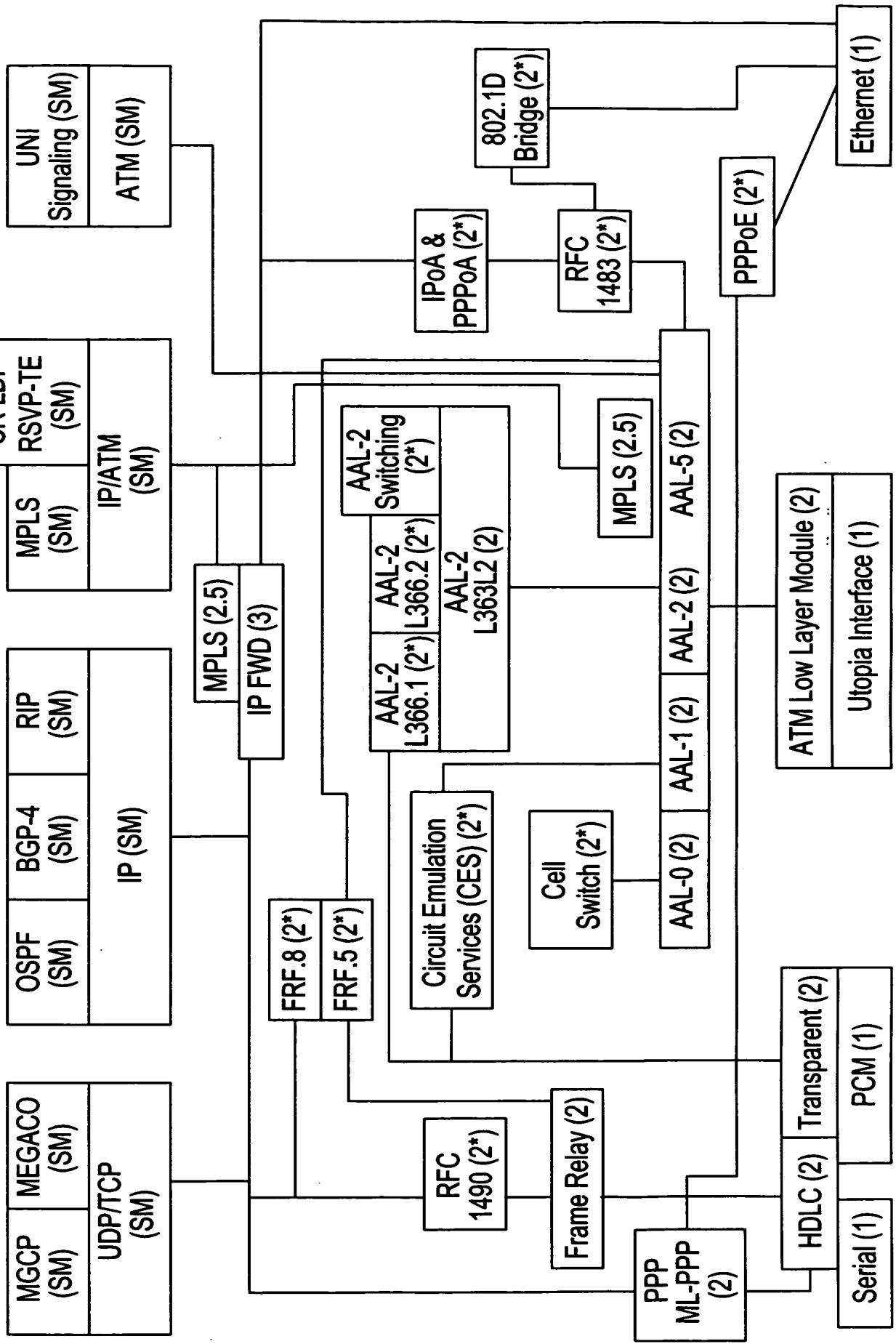
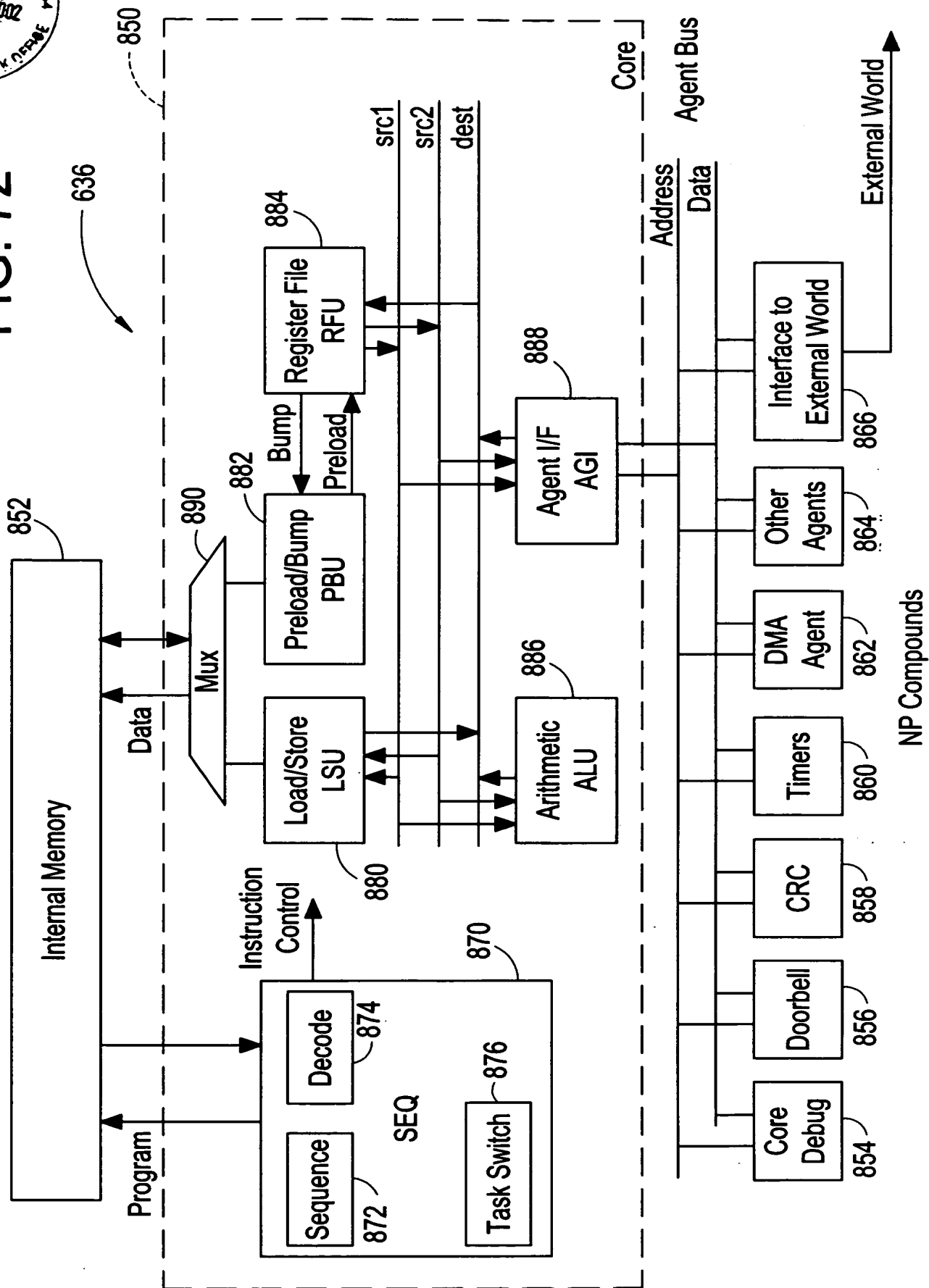




FIG. 72



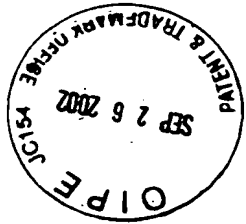
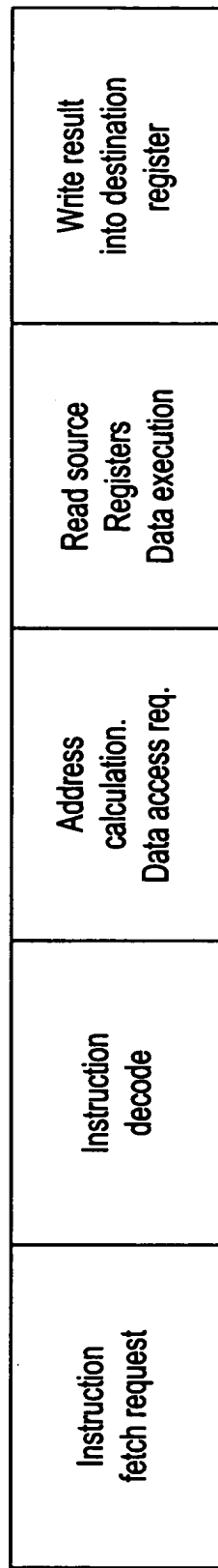
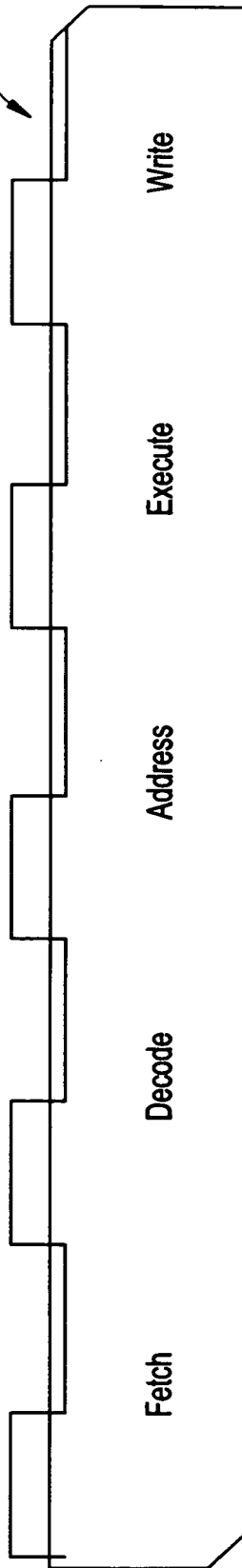
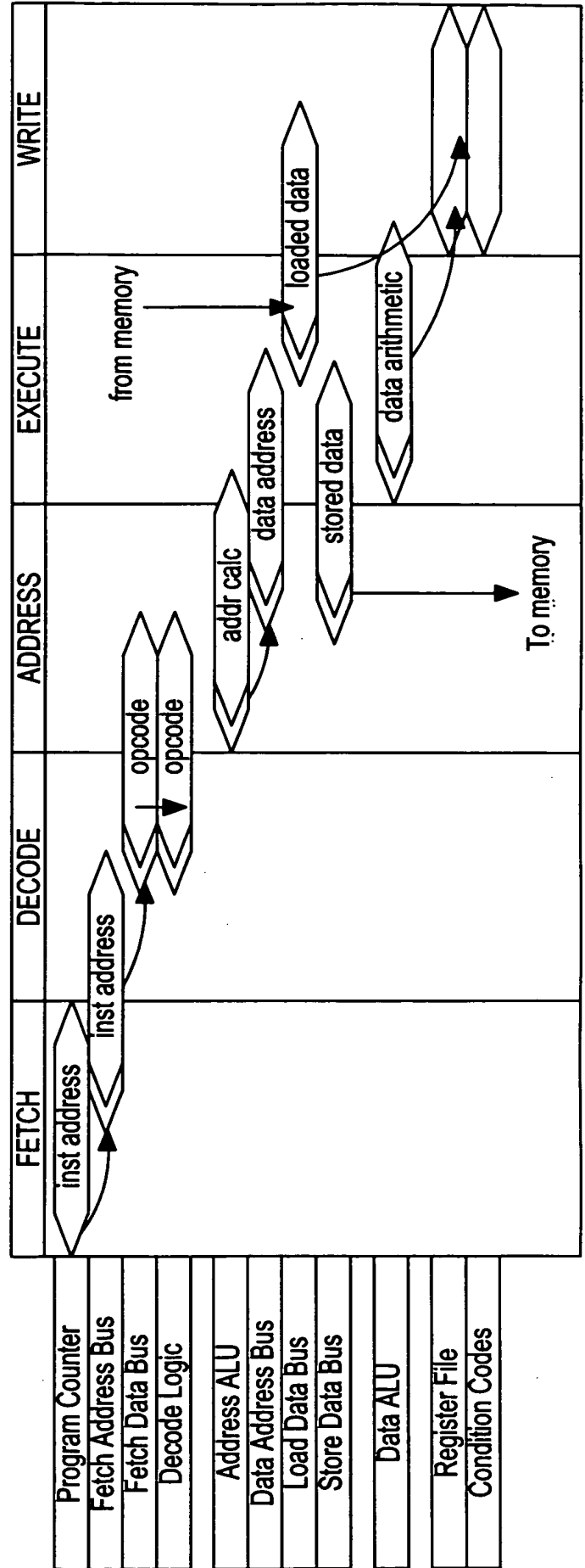


FIG. 73

900



49/64



◊ - Flip Flop ◊ - Logic

FIG. 74

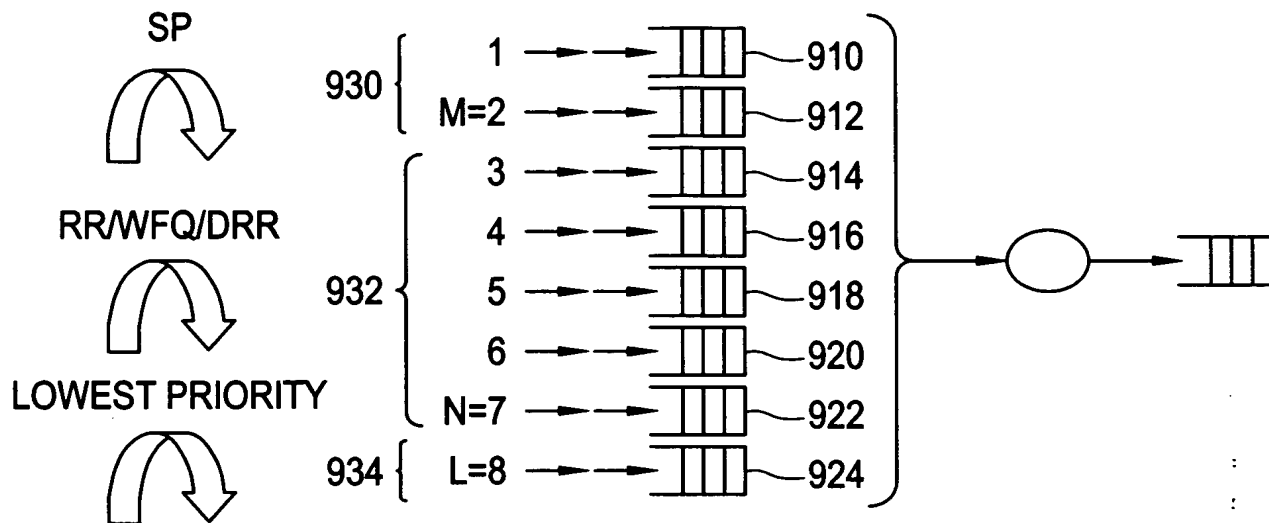
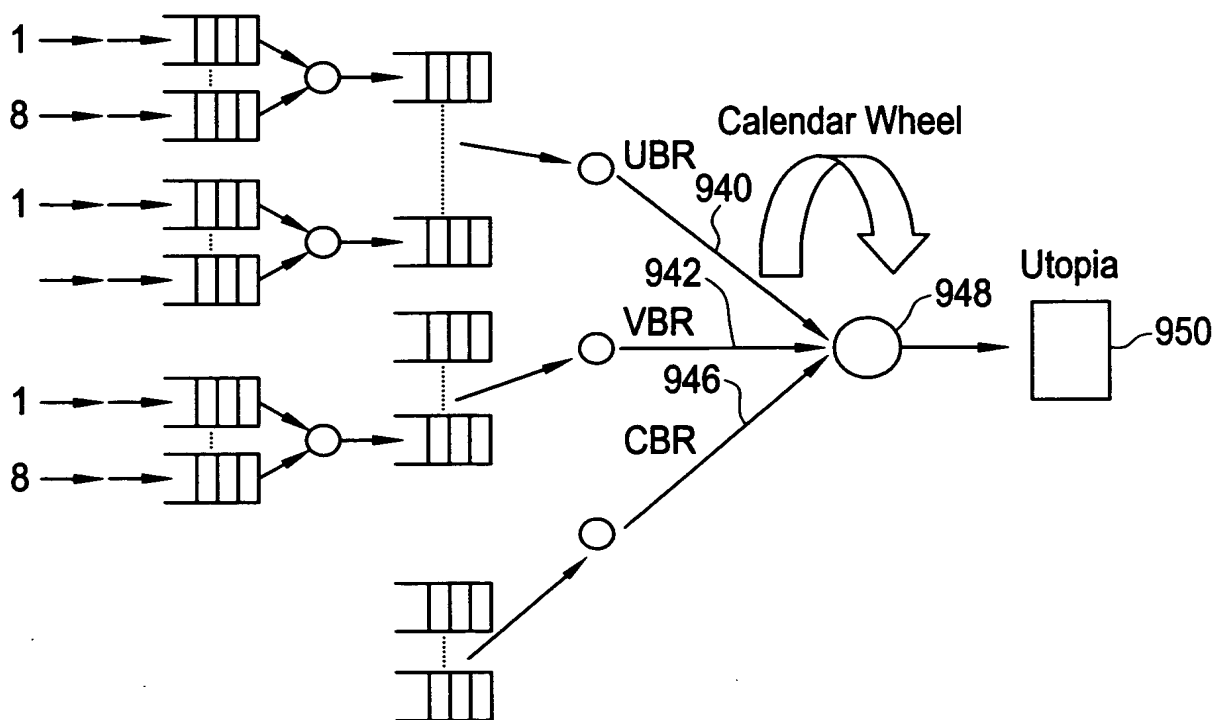


FIG. 75



10064331-092602

FIG. 76

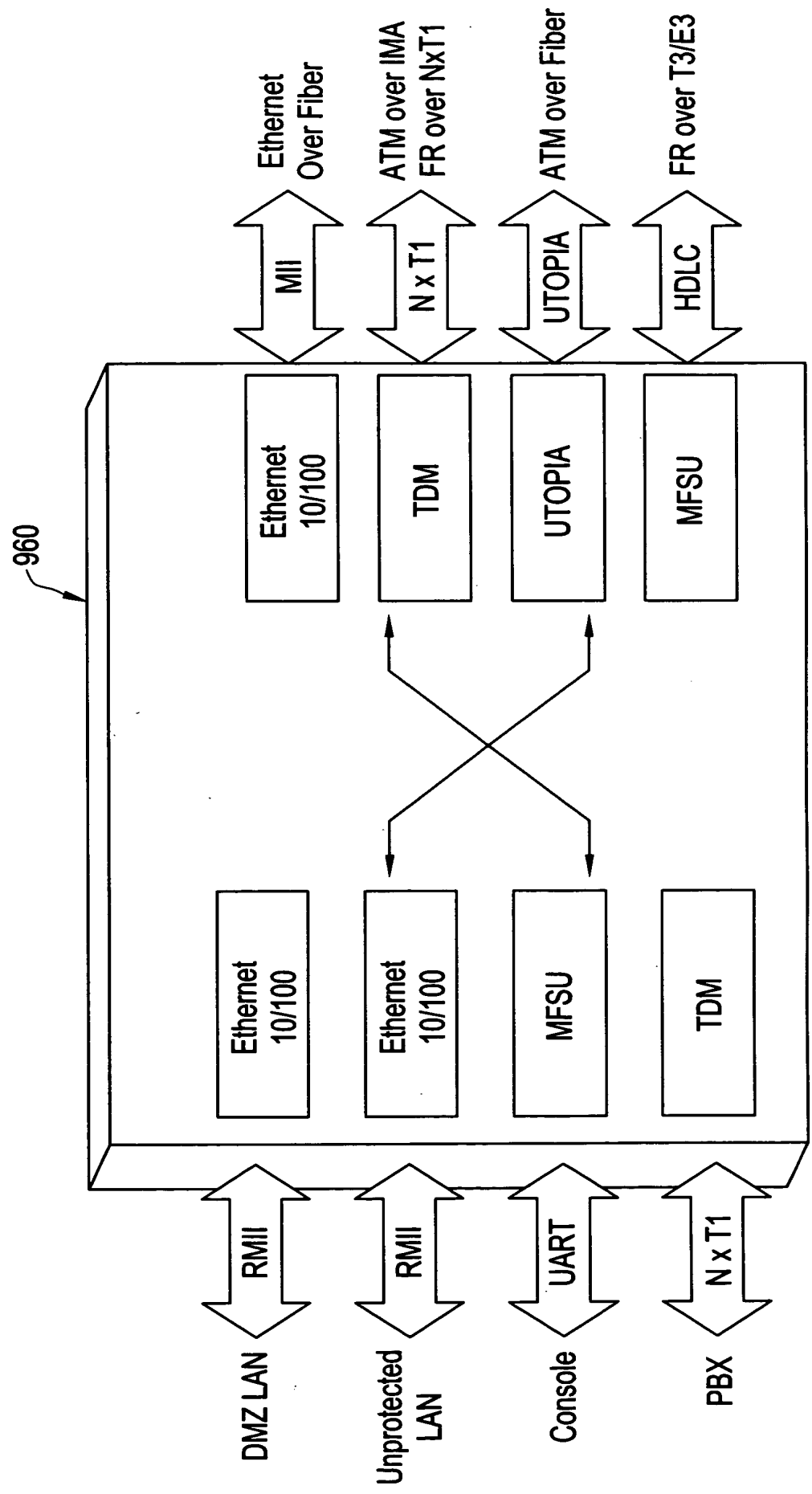


FIG. 77

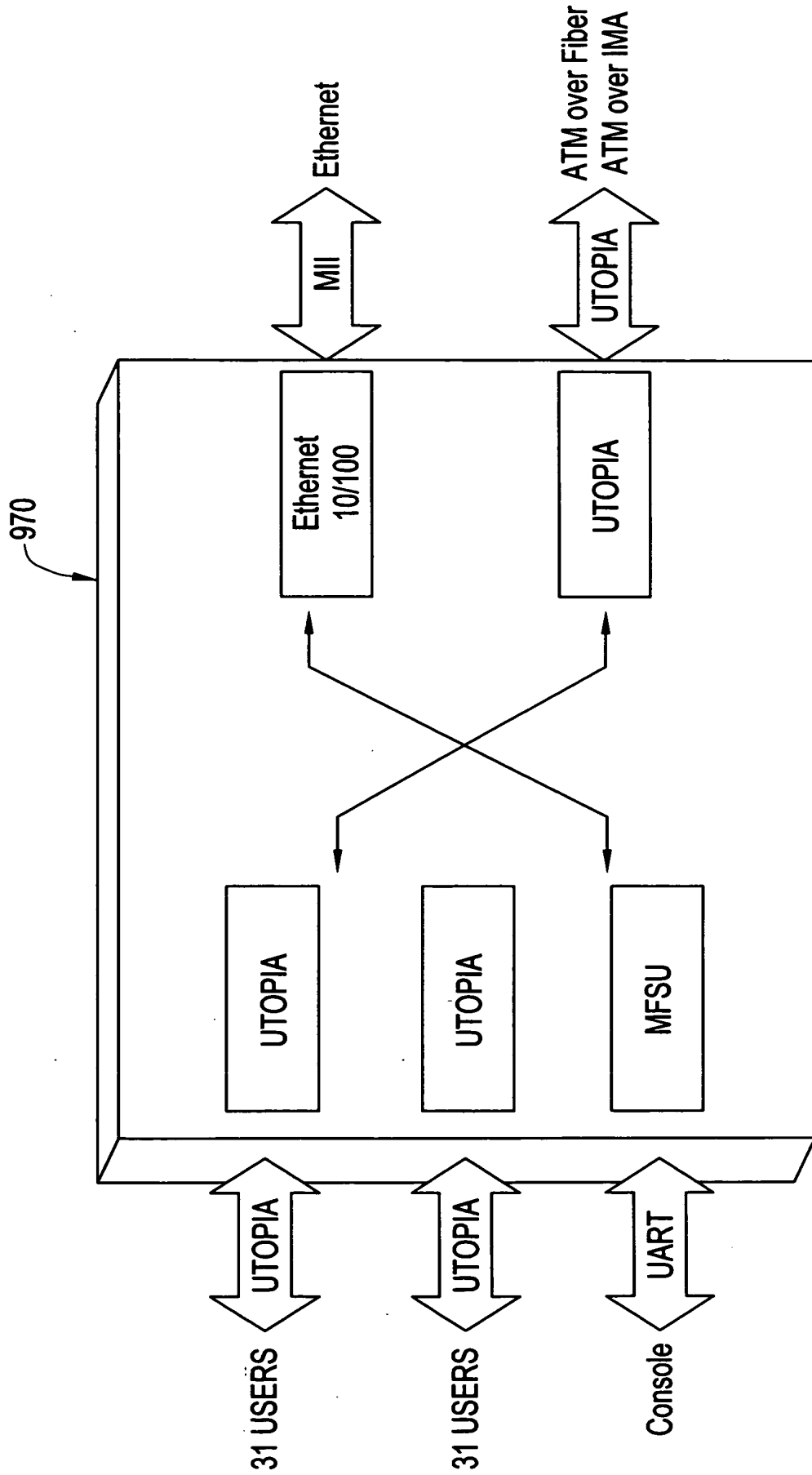




FIG. 78

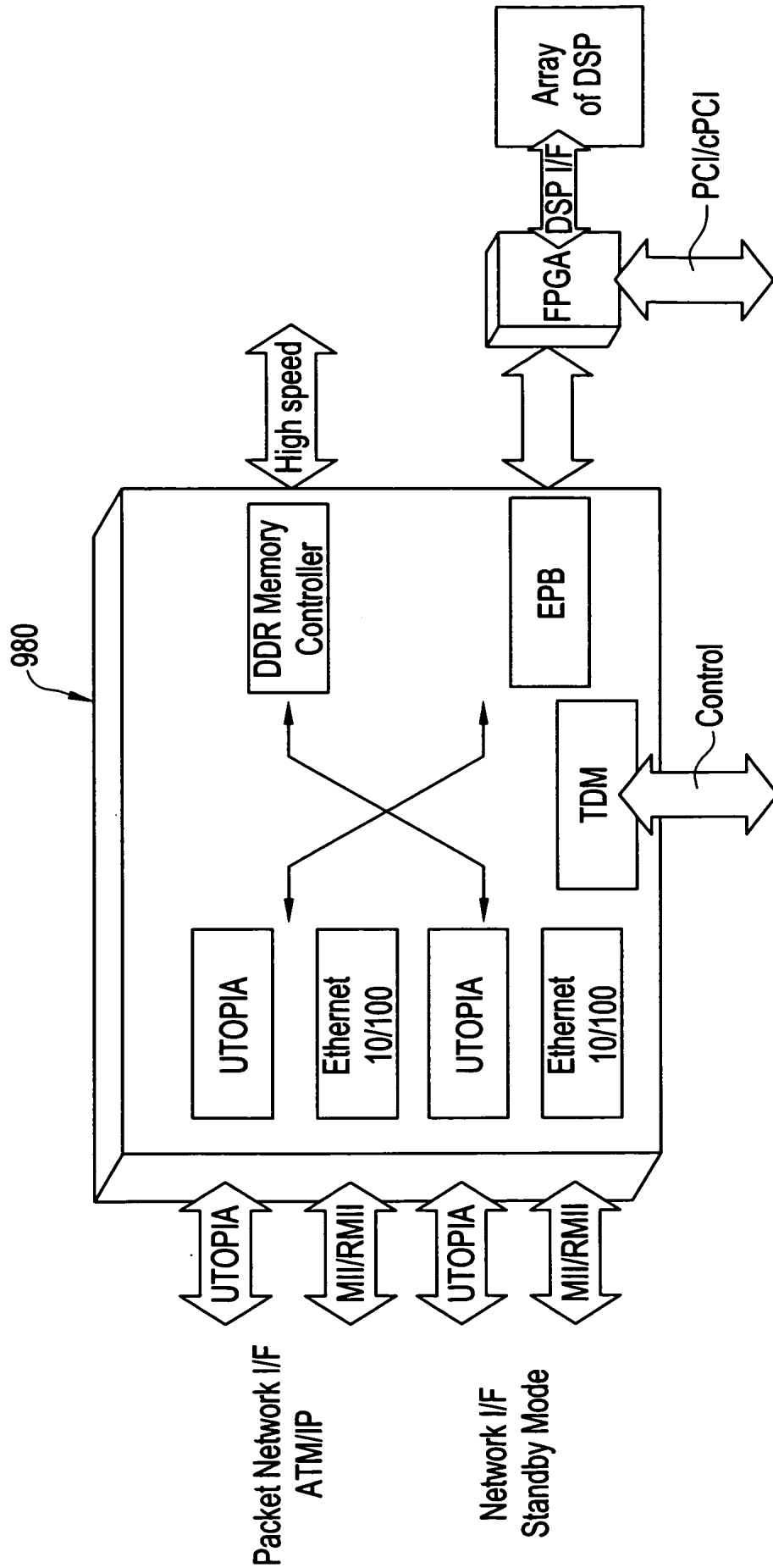


FIG. 79

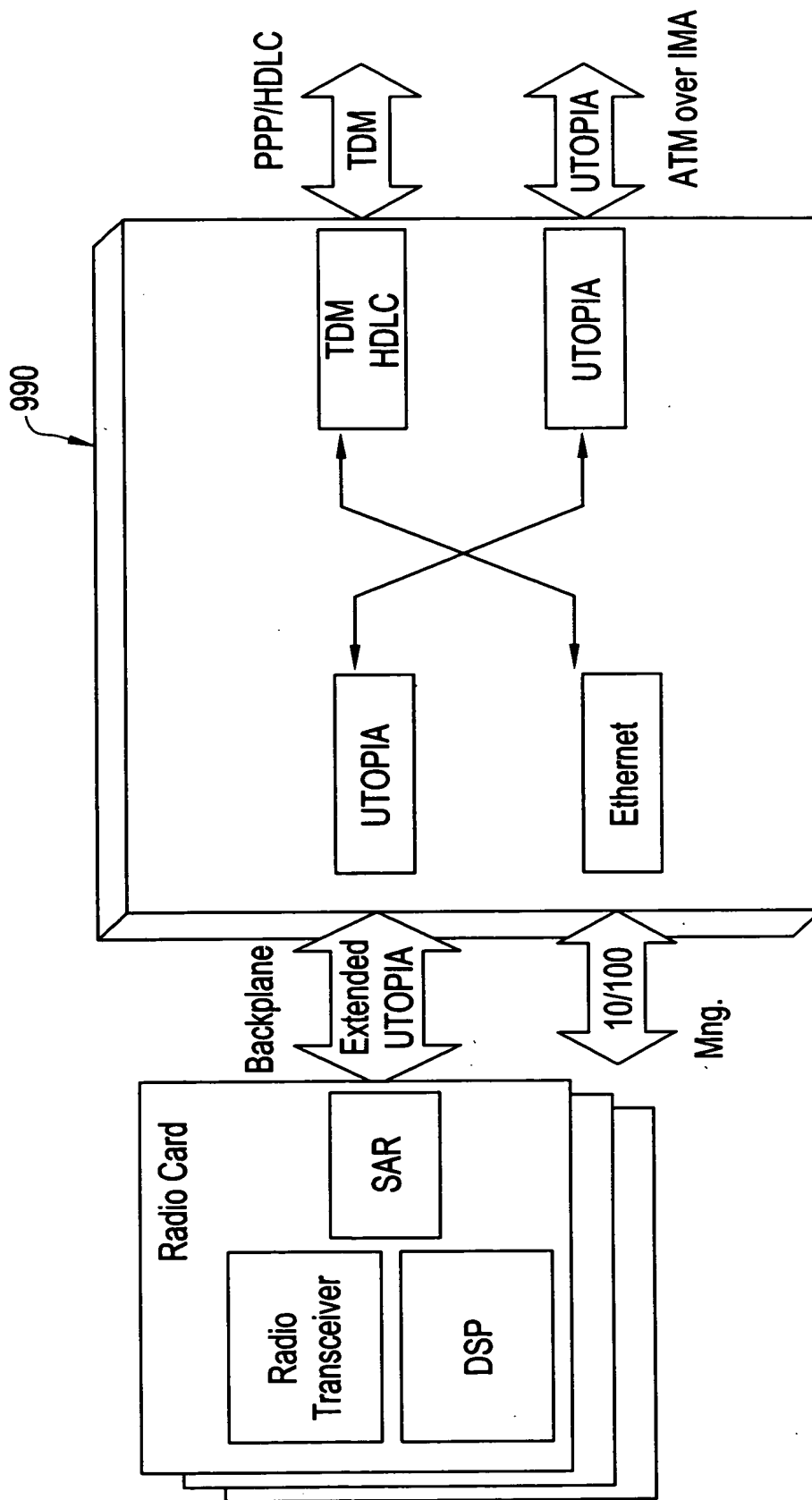


FIG. 80

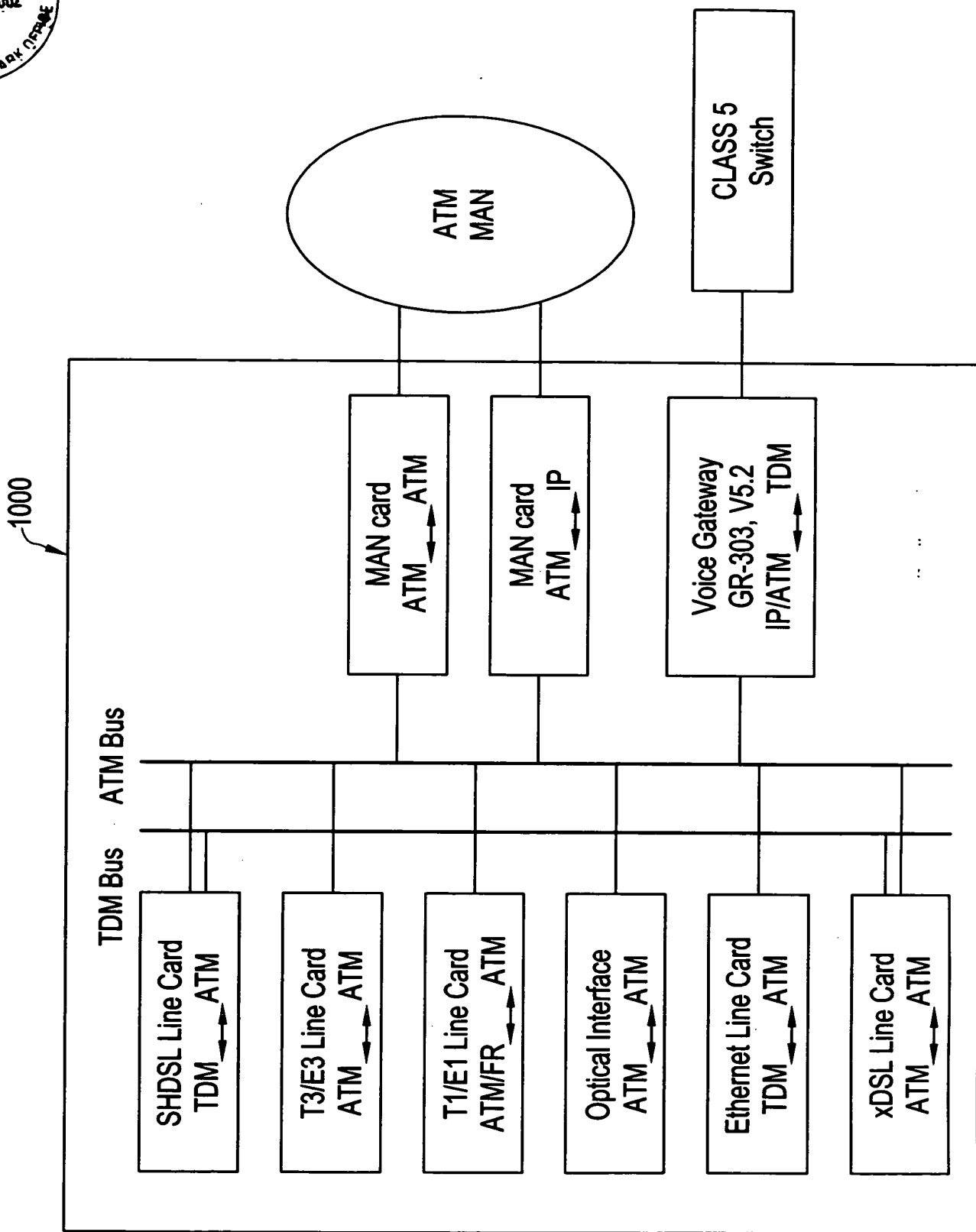




FIG. 81

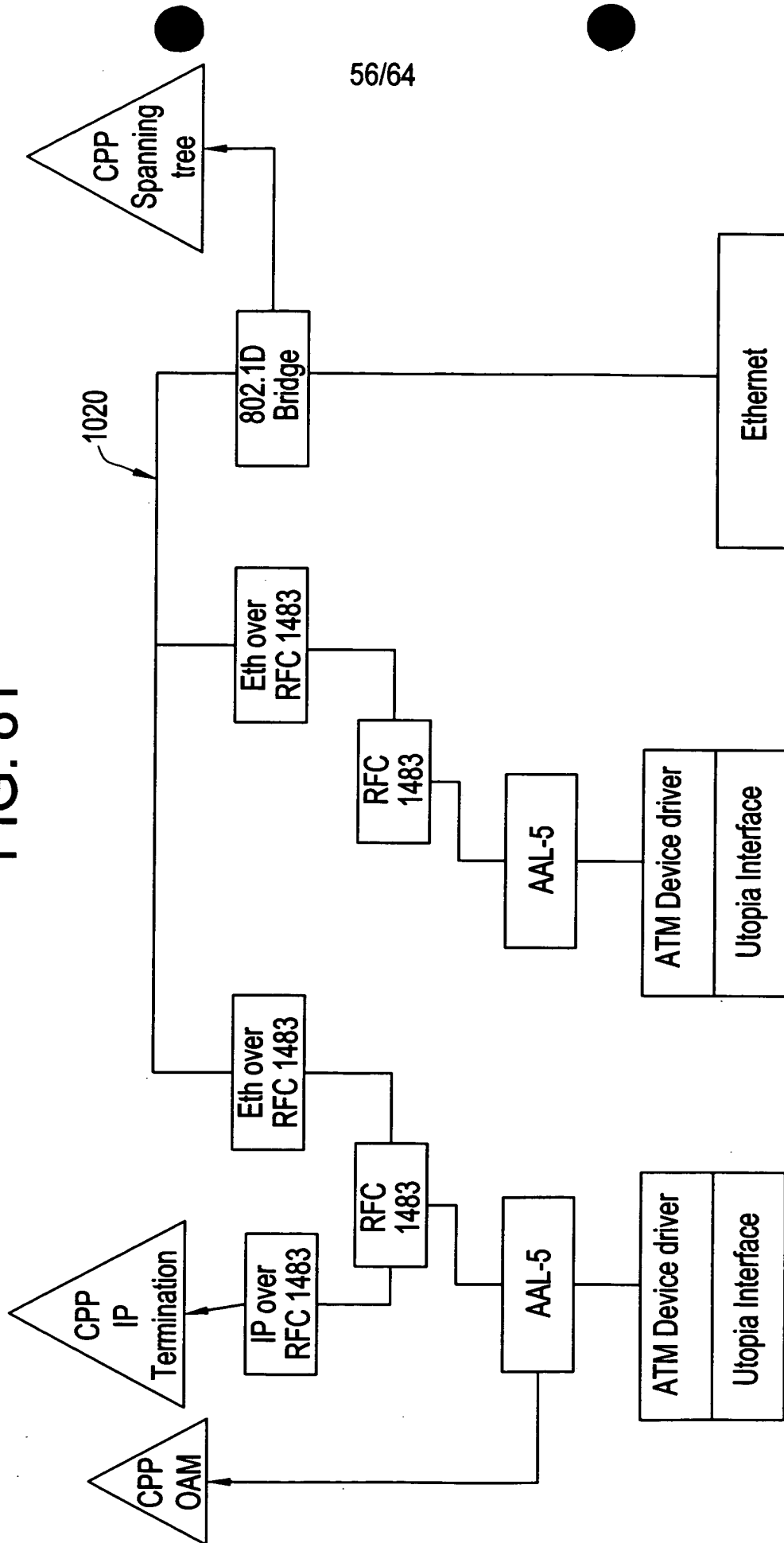


FIG. 82

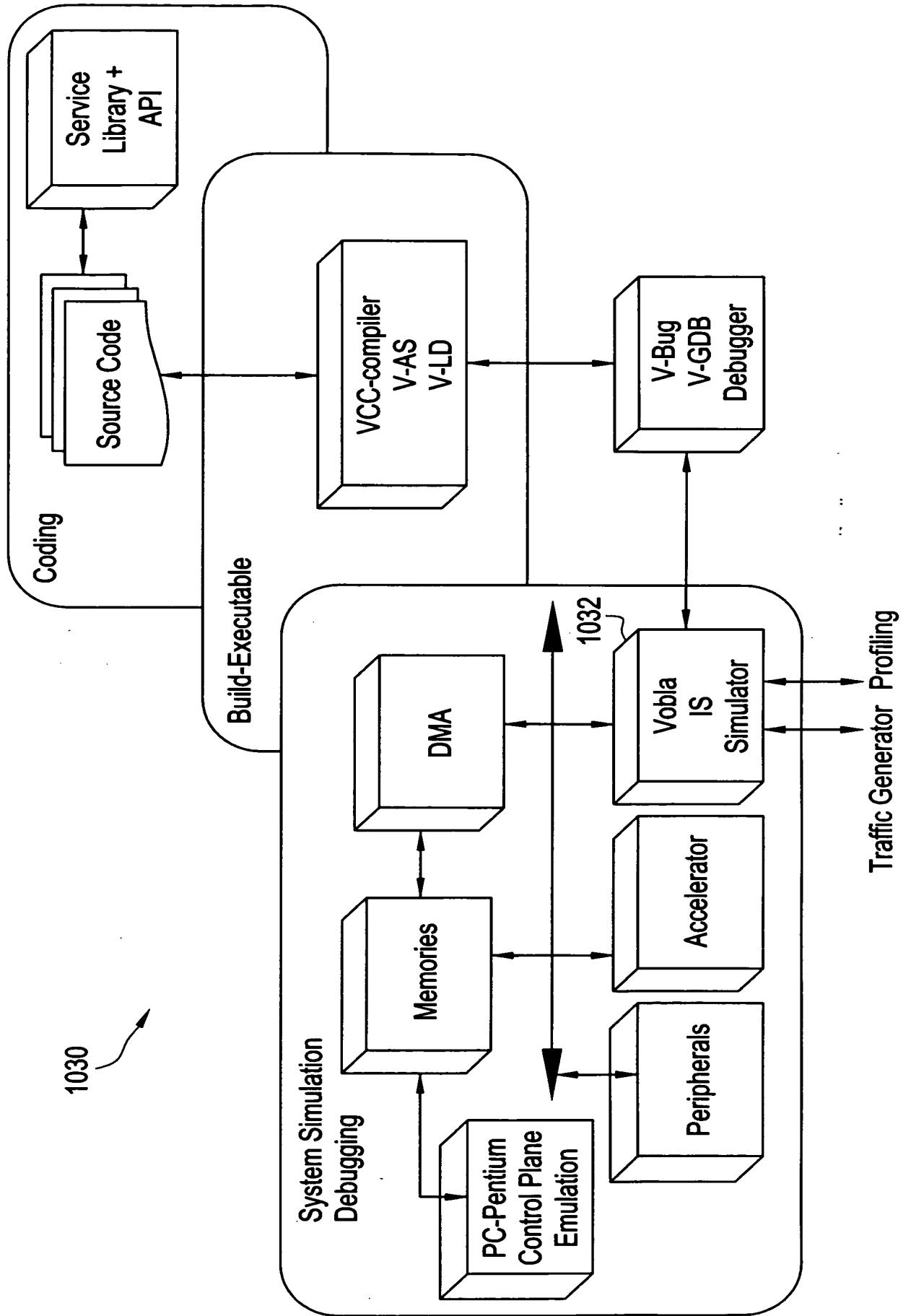


FIG. 83

1040

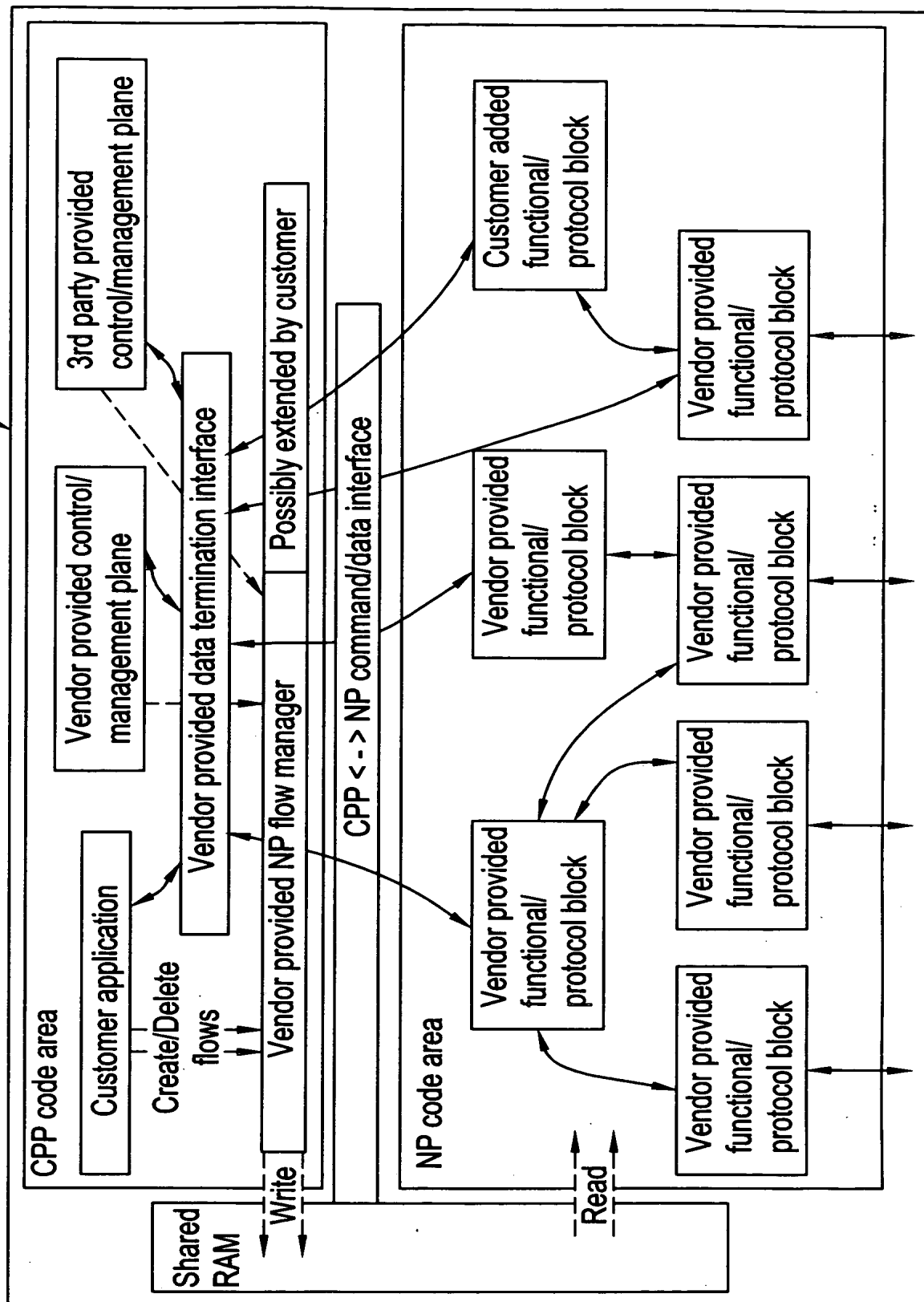
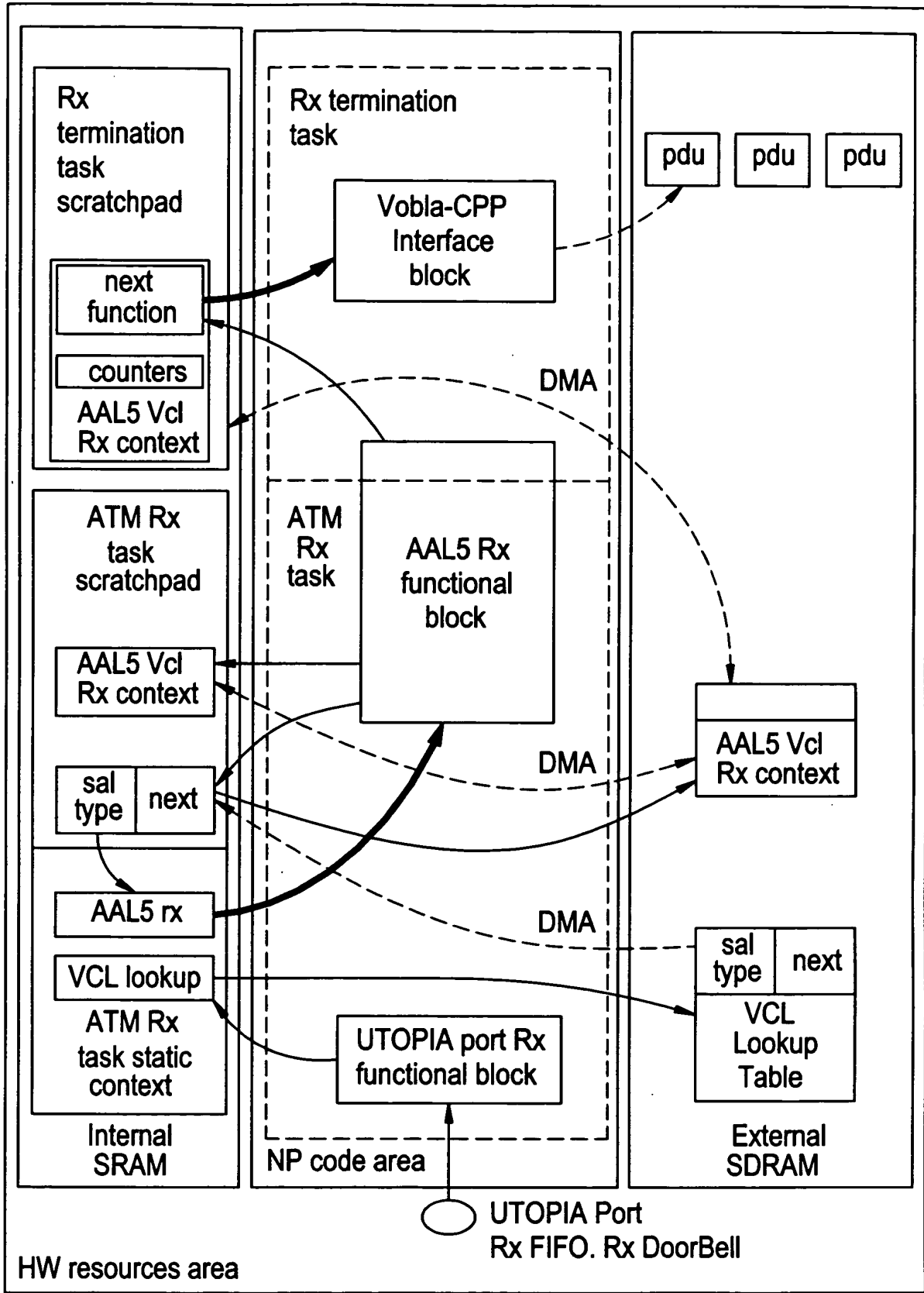


FIG. 84

1050



209260-TECH001

10064331.092602

FIG. 85

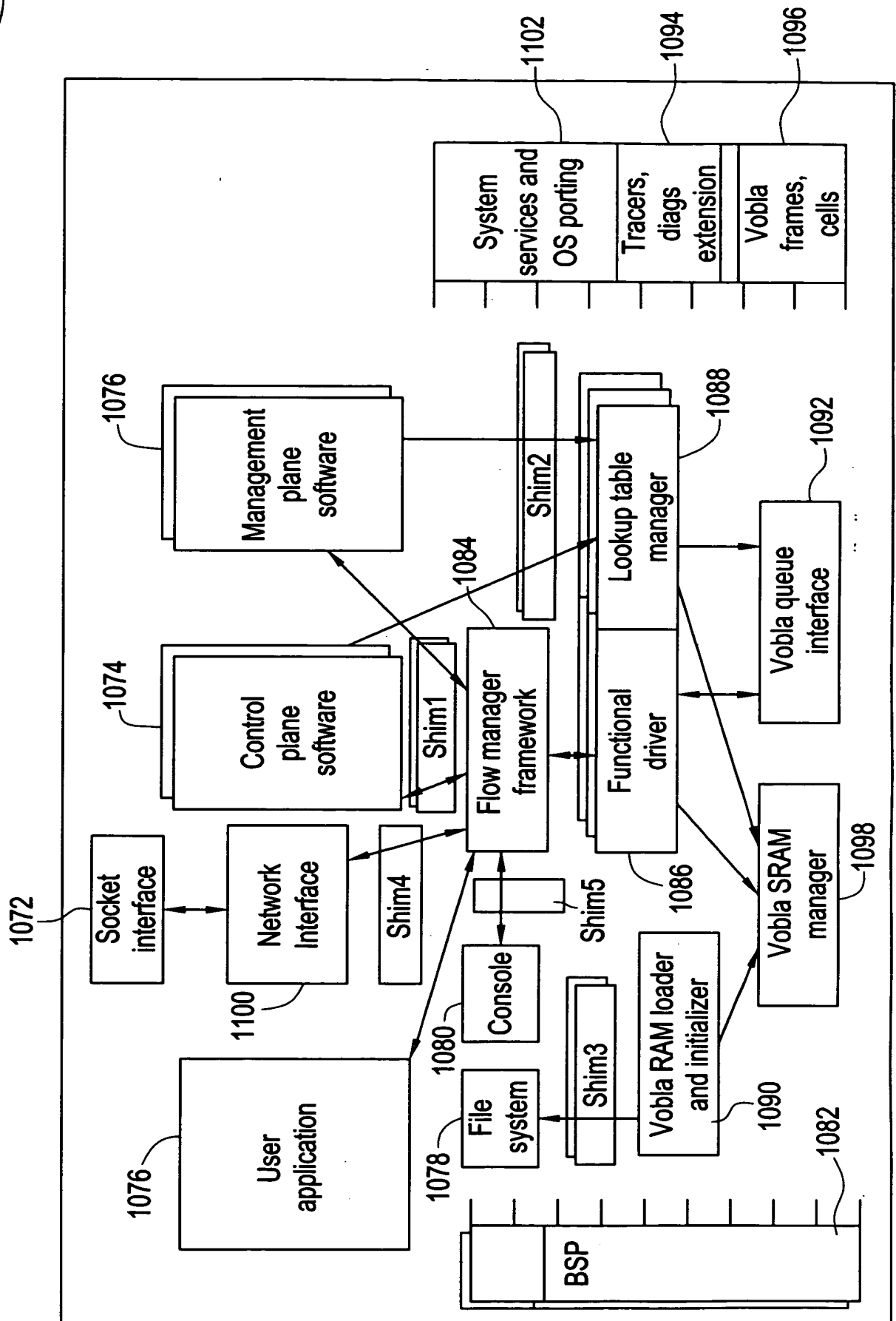
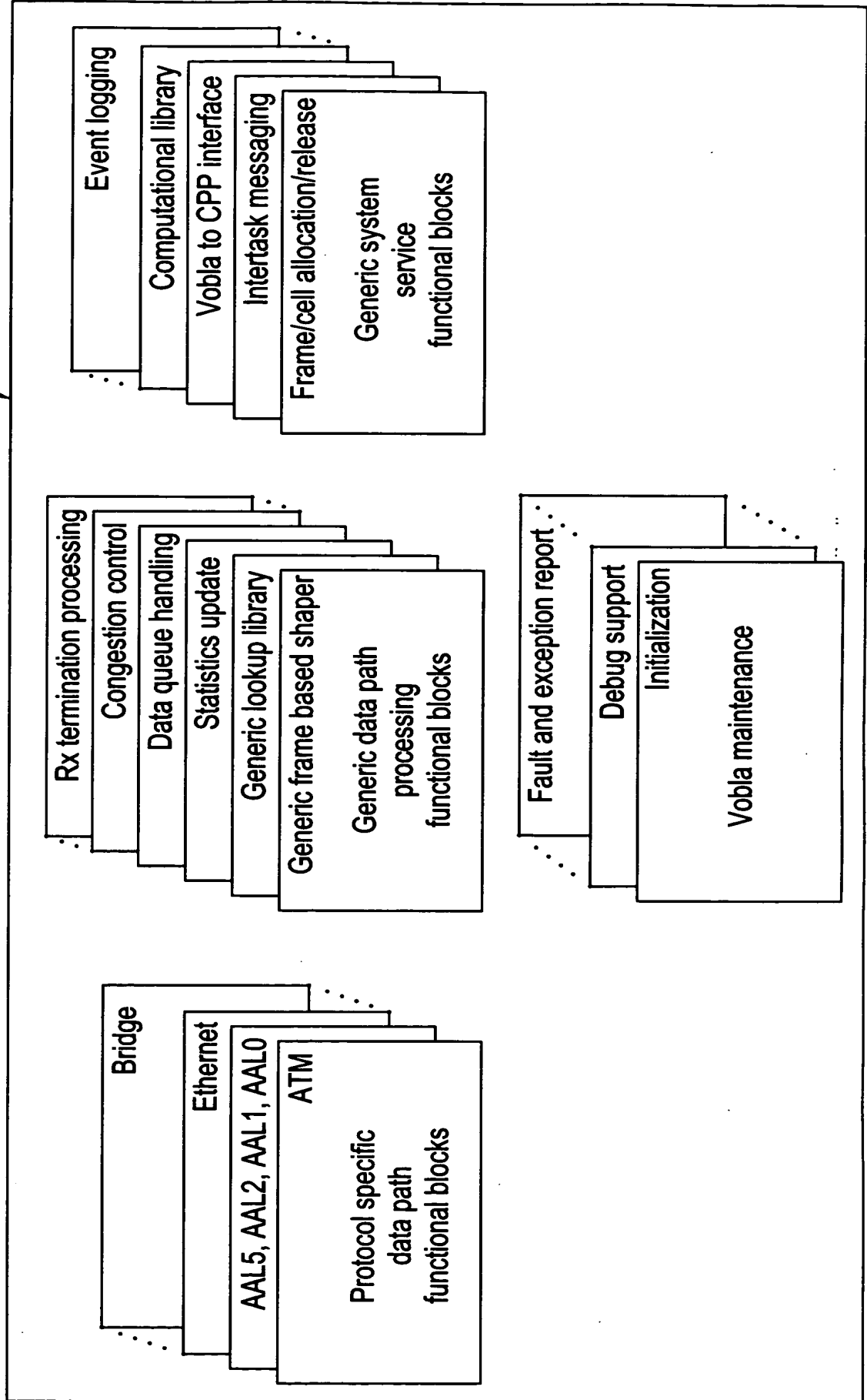




FIG. 86

1200

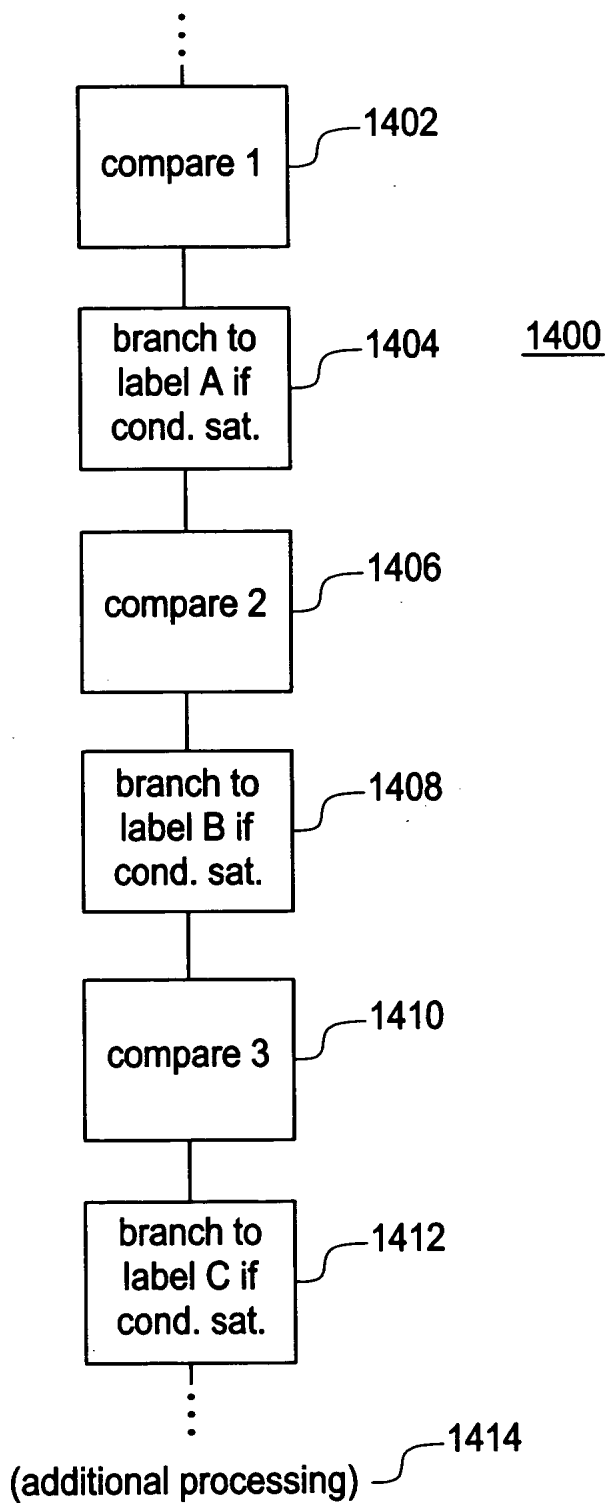




62/64

FIG. 87

PRIOR ART



209260" TEE49001



63/64

FIG. 88

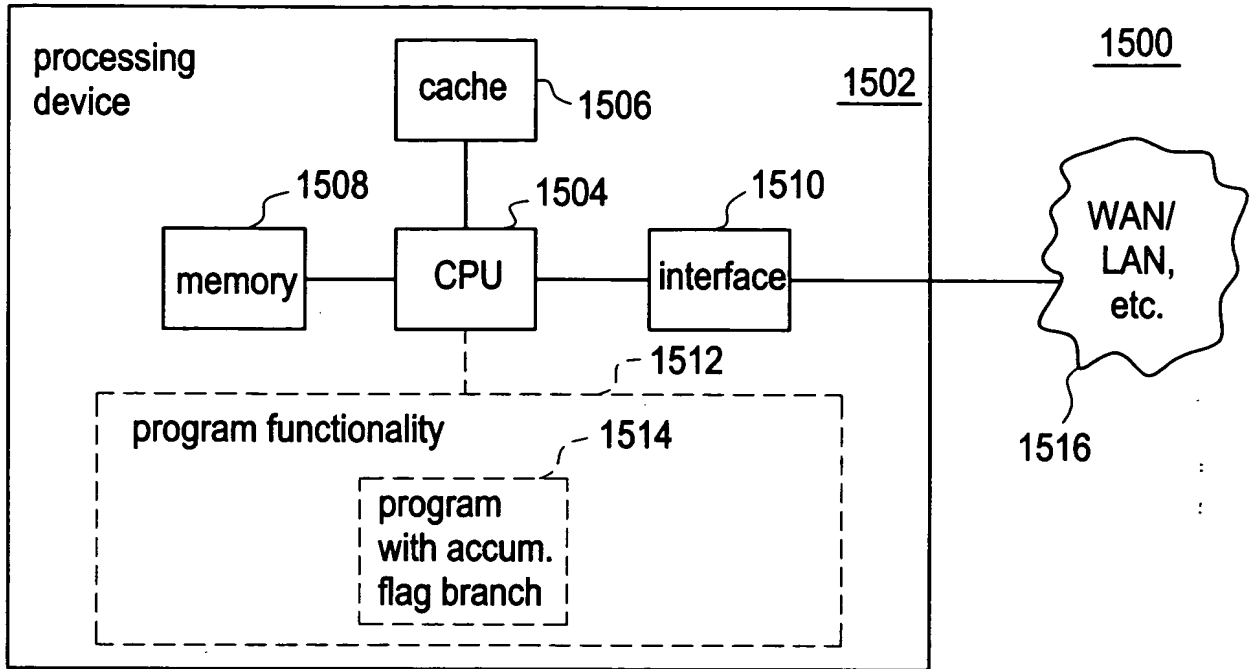


FIG. 89

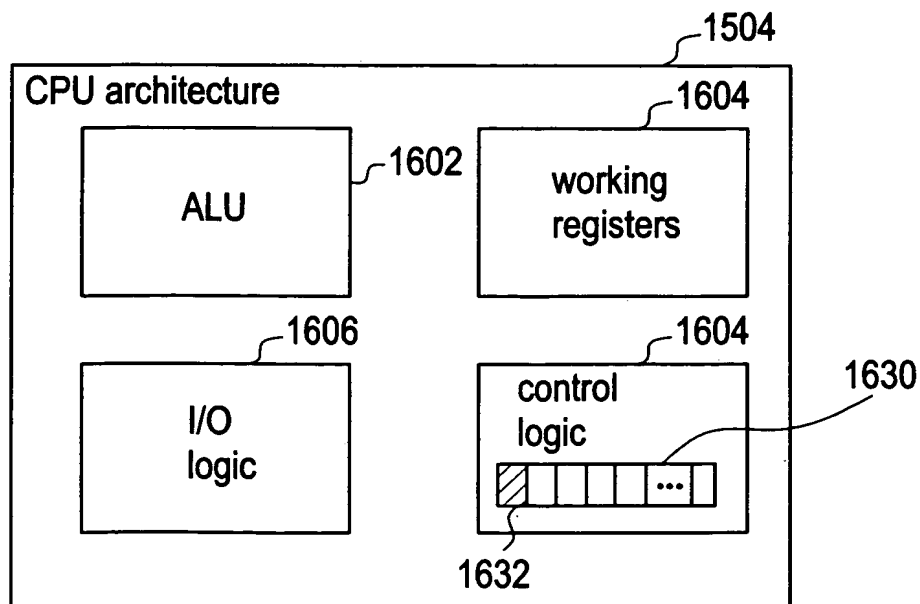
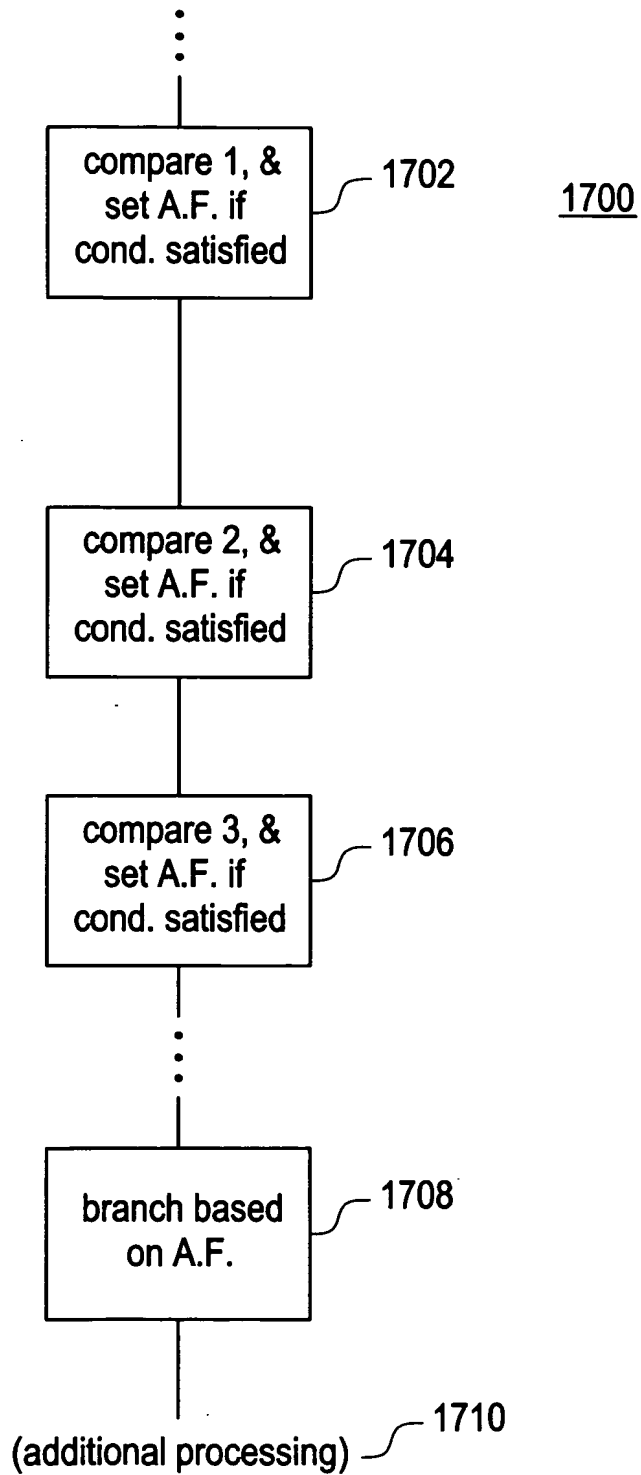


FIG. 90



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